TSD File Inventory Index

Date: April 20, 2000

Initial: CMKenevas

Facility Name:	United Industrial Syndicate (Auto Division - Lee Facility)
Facility Identification Number:	LD 000 466 816

A.1 General Correspondence		**B.2 Permit Docket (B.1.2)**	
A.2 Part A / Interim Status	Y	.1 Correspondence	
.1 Correspondence	Y	.2 All Other Permitting Documents (Not Part of the ARA)	
.2 Notification and Acknowledgment	Y	**C.1 Compliance - (Inspection Reports)**	Y
.3 Part A Application and Amendments	Y	**C.2 Compliance/Enforcement**	Y
.4 Financial Insurance (Sudden, Non Sudden)		.1 Land Disposal Restriction Notifications	
.5 Change Under Interim Status Requests		.2 Import/Export Notifications	
.6 Annual and Biennial Reports		**C.3 FOIA Exemptions - Non-Releasable Documents**	
A.3 Groundwater Monitoring	X	**D.1 Corrective Action/Facility Assessment**	Y
.1 Correspondence	Y	.1 RFA Correspondence	Y
.2 Reports	X	.2 Background Reports, Supporting Docs and Studies	
A.4 Closure/Post Closure		.3 State Prelim. Investigation Memos	
.1 Correspondence		.4 RFA Reports	Y
.2 Closure/Post Closure Plans, Certificates, etc		**D. 2 Corrective Action/Facility Investigation**	
A.5 Ambient Air Monitoring		.1 RFI Correspondence	
.1 Correspondence		.2 RFI Workplan	
.2 Reports		.3 RFI Program Reports and Oversight	
B.1 Administrative Record		.4 RFI Draft /Final Report	

Total - 1

.5 RFI QAPP		.6 CMI QAPP	
.6 RFI QAPP Correspondence		.7 Lab Data, Soil-Sampling/Groundwater	
.7 Lab Data, Soil-Sampling/Groundwater		.8 Progress Reports	
.8 RFI Progress Reports		**D.5 Corrective Action/Enforcement**	
.9 Interim Measures Correspondence		.1 Administrative Record 3008(h) Order	
.10 Interim Measures Workplan and Reports		.2 Other Non-AR Documents	
D.3 Corrective Action/Remediation Study		**E. Boilers and Industrial Furnaces (BIF)**	
.1 CMS Correspondence		.1 Correspondence	
.2 Interim Measures		.2 Reports	
.3 CMS Workplan		**F.1 Imagery/Special Studies** (Videos, Photos, Disks, Maps, Blueprints, Drawings, and Other Not Oversized Special Materials.)	
.4 CMS Draft/Final Report		**G.1 Risk Assessment**	
.5 Stabilization		.1 Human/Ecological Assessment ...	
.6 CMS Progress Reports		.2 Compliance and Enforcement ...	
.7 Lab Data, Soil-Sampling/Groundwater		.3 Enforcement Confidential	
D.4 Corrective Action Remediation Implementation		.4 Ecological - Administrative Record	
.1 CMI Correspondence		.5 Permitting	
.2 CMI Workplan		.6 Corrective Action/Remediation Study ...	
.3 CMI Program Reports and Oversight		.7 Corrective Action Remediation Implementation ...	
.4 CMI Draft/Final Reports		.8 Endangered Species Act	
.5 CMI QAPP		.9 Environmental Justice	

Note: Transmittal Letter to Be Included with Reports.

Comments: Documents do not qualify for individual folder per schedule

FACILITY NAME

UNITED IND SYNDICATE AIR TEX PROD DIV

EPA ID NUMBER

ILD001662816

FACILITY OPERATOR

AIRTEX PROD DIV UNITED IND SYNDICATE

FACILITY OWNER

AIRTEX PROD DIV UNITED IND SYNDICATE

FACILITY LOCATION

407 WEST MAIN ST
FAIRFIELD IL 62837

PROCESS CODE	DESIGN CAPACITY	UNIT OF MEASURE
S01	5188.00000	G

OK R.J. Stone 4-30-82

KEY

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE
STORAGE:		
CONTAINER	S01	G OR L
TANK	S02	G OR L
WASTE PILE	S03	Y OR C
SURFACE IMPOUNDMENT	S04	G OR L
DISPOSAL:		
INJECTION WELL	D79	G,L,U, OR V
LANDFILL	D80	A OR F
LAND APPLICATION	D81	B OR Q
OCEAN DISPOSAL	D82	U OR V
SURFACE IMPOUNDMENT	D83	G OR L
TREATMENT:		
TANK	T01	U OR V
SURFACE IMPOUNDMENT	T02	U OR V
INCINERATOR	T03	D,W,E, OR H
OTHER	T04	J,R,N,S,U,V

UNIT OF MEASURE	CODE
GALLONS	G
LITERS	L
CUBIC YARDS	Y
CUBIC METERS	C
GALLONS PER DAY	U
LITERS PER DAY	V
TONS PER HOUR	D
METRIC TONS\HOUR	W
GALLONS\HOUR	E
LITERS\HOUR	H
ACRE-FEET	A
HECTARE-METER	F
ACRES	B
HECTARES	Q
POUNDS\HOUR	J
KILOGRAMS\HOUR	R
TONS PER DAY	N
METRIC TONS\DAY	S

~~PAF~~
no file

EPA

ACKNOWLEDGEMENT OF NOTIFICATION OF HAZARDOUS WASTE ACTIVITY
(VERIFICATION)

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act *(RCRA)*. Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

EPA I.D. NUMBER ➤ ILD001662816 REACKNOWLEDGEMENT

UNITED IND SYNDICATE AIR TEX PROD DIV
407 WEST MAIN ST
FAIRFIELD IL 62837

INSTALLATION ADDRESS ➤

407 WEST MAIN ST
FAIRFIELD IL 62837

EPA Form 8700-12B (4-80)

09/28/81

PAF

EPA

ACKNOWLEDGEMENT OF NOTIFICATION OF HAZARDOUS WASTE ACTIVITY
(VERIFICATION)

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EPA I.D. NUMBER ➤ ILD001662816 REACKNOWLEDGEMENT

UNITED IND SYNDICATE AIR TEX PROD DIV
407 WEST MAIN ST
FAIRFIELD IL 62837

INSTALLATION ADDRESS ➤

407 WEST MAIN ST
FAIRFIELD IL 62837

EPA Form 8700-12B (4-80)

08/14/81

Please print or type with ELITE type *(12 characters per inch)*.

GSA No. 12345-XX
Form Approved OMB No. 158-R00XX

EPA U.S. ENVIRONMENTAL PROTECTION AGENCY
HAZARDOUS WASTE REPORT

80/014

PLEASE PLACE LABEL IN THIS SPACE

I. TYPE OF HAZARDOUS WASTE REPORT

PART A: GENERATOR ANNUAL REPORT
THIS REPORT IS FOR THE YEAR ENDING DEC. 31, 1980

PART B: FACILITY ANNUAL REPORT
THIS REPORT FOR YEAR ENDING DEC. 31, 19

PART C: UNMANIFESTED WASTE REPORT
THIS REPORT IS FOR A WASTE RECEIVED *(day, mo., & yr.)* – – 19

INSTRUCTIONS: You may have received a preprinted label attached to the front of this pamphlet; affix it in the designated space above—left. If any of the information on the label is incorrect, draw a line through it and supply the correct information in the appropriate section below. If the label is complete and correct, leave Sections II, III, and IV below blank. If you did not receive a preprinted label, complete all sections. "Installation" means a single site where hazardous waste is generated, treated, stored, or disposed of. Please refer to the specific instructions for generators or facilities before completing this form. The information requested herein is required by law *(Section 3002/3004 of the Resource Conservation and Recovery Act)*.

II. INSTALLATION'S EPA I.D. NUMBER
F ILD 001662816 (13) C 1

III. NAME OF INSTALLATION
AIRTEX PROD. DIV. UNITED IND. SYNDICATE

IV. INSTALLATION MAILING ADDRESS
STREET OR P.O. BOX
3 407 West Main Street

CITY OR TOWN | ST. | ZIP CODE
4 Fairfield | IL | 62837

V. LOCATION OF INSTALLATION
STREET OR ROUTE NUMBER
5 407 West Main Street

CITY OR TOWN | ST. | ZIP CODE
6 Fairfield | IL | 62837

VI. INSTALLATION CONTACT
NAME *(last and first)* | PHONE NO. *(area code & no.)*
2 Duke Roy | 618-842-2111

VII. TRANSPORTATION SERVICES USED *(for Part A reports only)*
List the EPA Identification Numbers for those transporters whose services were used during the reporting year represented by this report.

Airtex Products S.W.H. Reg. #03301001
EPA I.D. #ILD001662816

VIII. COST ESTIMATES FOR FACILITIES *(for Part B reports only)*

A. COST ESTIMATE FOR FACILITY CLOSURE	B. COST ESTIMATE FOR POST CLOSURE MONITORING AND MAINTENANCE *(disposal facilities only)*
G $	$

IX. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. PRINT OR TYPE NAME	B. SIGNATURE	C. DATE SIGNED
Melvin L. Spencer	Melvin L Spencer	2/17/81

EPA Form 8700-13 (5-80)

RECEIVED
FEB 24 1981
WASTE MANAGEMENT BRANCH
EPA, REGION V

Please print or type with ELITE type (12 characters/inch).

GSA No. 12345-XX
Form Approved OMB No. 158-R00XX

U.S. ENVIRONMENTAL PROTECTION AGENCY
GENERATOR ANNUAL REPORT – PART A
(Collected under the authority of Section 3002 of RCRA.)

FOR OFFICIAL USE ONLY (Items 1 and 2)

1. DATE RECEIVED: – – 19

2. TYPE OF REPORT:

X. GENERATOR'S EPA I.D. NO.: G I L D 0 0 1 6 6 2 8 1 6 | J/A: | C: 1

XI. FACILITY'S EPA I.D. NO.: I N D 0 4 0 8 8 8 9 9 2

XII. FACILITY NAME (specify)
Conservation Chemical Company

XIII. FACILITY ADDRESS (street or P.O. box, city, state, & zip code)
6500 Industrial Highway
Gary, IN 46406

XIV. WASTE IDENTIFICATION

LINE NUMBER	A. DESCRIPTION OF WASTE	B. DOT HAZARD CLASS	C. EPA HAZARDOUS WASTE NUMBER (see instructions)	D. AMOUNT OF WASTE	UNIT OF MEASURE (enter code)
1	Spent Cyanide Salts	15	F011	121020	P
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

XV. COMMENTS (enter information by line number – see instructions)

Ref: XI, XII & XIII

Airtex shipped this material to Conservation Chemical Company. They delivered to the final facility:

EPA I.D. #ILD045063450
U.S. Ecology Co.
P.O. Box 158
Sheffield, IL

EPA Form 8700-13A (5-80)

BILLING CODE 6560-01-C

Please print or type with ELITE type (12 characters/inch) in the unshaded areas only.

Form Approved OMB No. 158-S79016
GSA No. 0246-EPA-OT

EPA U.S. ENVIRONMENTAL PROTECTION AGENCY
NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

INSTRUCTIONS: If you received a preprinted label, affix it in the space at left. If any of the information on the label is incorrect, draw a line through it and supply the correct information in the appropriate section below. If the label is complete and correct, leave Items I, II, and III below blank. If you did not receive a preprinted label, complete all items. "Installation" means a single site where hazardous waste is generated, treated, stored and/or disposed of, or a transporter's principal place of business. Please refer to the INSTRUCTIONS FOR FILING NOTIFICATION before completing this form. The information requested herein is required by law *(Section 3010 of the Resource Conservation and Recovery Act).*

INSTALLATION'S EPA I.D. NO.: ILD001662816

I. NAME OF INSTALLATION: Airtex Products Div.

II. INSTALLATION MAILING ADDRESS:
UNITED INDUSTRIAL SYNDICATE
407 W MAIN
FAIRFIELD, IL 62837

000004 JUL 21 80

III. LOCATION OF INSTALLATION:
407 W MAIN
FAIRFIELD, IL 62837

DETACH

FOR OFFICIAL USE ONLY

COMMENTS: C

INSTALLATION'S EPA I.D. NUMBER: F ILD001662814 3 C 1 | APPROVED: A | DATE RECEIVED (yr., mo., & day): 800721

I. NAME OF INSTALLATION

Airtex Prod. Div. United Ind. Syndicate

II. INSTALLATION MAILING ADDRESS

STREET OR P.O. BOX: 3

CITY OR TOWN: 4 | ST. | ZIP CODE

III. LOCATION OF INSTALLATION

STREET OR ROUTE NUMBER: 5

CITY OR TOWN: 6 | ST. | ZIP CODE

IV. INSTALLATION CONTACT

NAME AND TITLE *(last, first, & job title)*: 2 Anderson Curt Gen Plant Supt | PHONE NO. *(area code & no.)*: 618-842-2111

V. OWNERSHIP

A. NAME OF INSTALLATION'S LEGAL OWNER: 8 United Industrial Syndicate

B. TYPE OF OWNERSHIP *(enter the appropriate letter into box)*: M

F = FEDERAL
M = NON-FEDERAL

VI. TYPE OF HAZARDOUS WASTE ACTIVITY *(enter "X" in the appropriate box(es))*

- [X] A. GENERATION
- [X] B. TRANSPORTATION *(complete item VII)*
- [X] C. TREAT/STORE/DISPOSE
- [ ] D. UNDERGROUND INJECTION

VII. MODE OF TRANSPORTATION *(transporters only – enter "X" in the appropriate box(es))*

- [ ] A. AIR
- [ ] B. RAIL
- [X] C. HIGHWAY
- [ ] D. WATER
- [ ] E. OTHER *(specify):*

VIII. FIRST OR SUBSEQUENT NOTIFICATION

Mark "X" in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your Installation's EPA I.D. Number in the space provided below.

- [X] A. FIRST NOTIFICATION
- [ ] B. SUBSEQUENT NOTIFICATION *(complete item C)*

C. INSTALLATION'S EPA I.D. NO.: ILD001662816

IX. DESCRIPTION OF HAZARDOUS WASTES

Please go to the reverse of this form and provide the requested information.

JUL 21 1980

CONTINUE ON REVERSE

I.D. – FOR OFFICIAL USE ONLY

S												T/A	C
W	I	L	D	0	0	1	6	6	2	8	1	6	2
1	2										13	14	15

IX. DESCRIPTION OF HAZARDOUS WASTES *(continued from front)*

A. HAZARDOUS WASTES FROM NON–SPECIFIC SOURCES. Enter the four–digit number from 40 CFR Part 261.31 for each listed hazardous waste from non–specific sources your installation handles. Use additional sheets if necessary.

1	2	3	4	5	6
F001	F002	F007	F008	F010	F011
7	8	9	10	11	12

B. HAZARDOUS WASTES FROM SPECIFIC SOURCES. Enter the four–digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific industrial sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

C. COMMERCIAL CHEMICAL PRODUCT HAZARDOUS WASTES. Enter the four–digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48

D. LISTED INFECTIOUS WASTES. Enter the four–digit number from 40 CFR Part 261.34 for each listed hazardous waste from hospitals, veterinary hospitals, medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54

E. CHARACTERISTICS OF NON–LISTED HAZARDOUS WASTES. Mark "X" in the boxes corresponding to the characteristics of non–listed hazardous wastes your installation handles. *(See 40 CFR Parts 261.21 – 261.24.)*

☐ 1. IGNITABLE (D001) ☐ 2. CORROSIVE (D002) ☐ 3. REACTIVE (D003) ☐ 4. TOXIC (D000)

X. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE	NAME & OFFICIAL TITLE *(type or print)*	DATE SIGNED
Melvin L. Spencer	Sr. Exec. V.P. United Industrial Syndicate	7/18/80

EPA Form 8700-12 (6-80) REVERSE

DETACH

DETACH

JmB 1) ~~Joe Boyle~~
2) Paul Pimock
FYI
Gordon G 4/6
~~Paul~~
~~Zetta~~
Closed
TDS

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

ILD001
662
816

OFFICE OF
SOLID WASTE AND EMERGENCY RESPONSE

2659

Mr. Dimitri Monge
Airtex Products
407 West Main Street
Fairfield, IL 62837

April 2, 1990

Dear Mr. Monge:

The purpose of this letter is to inform you that your letter dated March 8, 1990, withdrawing Airtex Products' petition for the Fairfield, IL facility has been received by the Permits and State Programs Division. The Agency has officially closed the file on your delisting petition #0791.

The petitioned waste generated at Airtex Products' Fairfield, IL facility must be managed as hazardous in accordance with the RCRA regulations.

If you have any questions about this matter, please do not hesitate to call me at (202) 382-4488.

Sincerely,

James R. Kent
Environmental Protection Specialist

cc: Allen Debus, Region V
Gordon Garcia, Region V
Chichang Chen, HQ
Howard Finkel, ICF

AIRTEX PRODUCTS
Div. of United Industrial Syndicate, Inc.

FAIRFIELD, ILLINOIS 62837 • FAIRFIELD 842-2111
AREA CODE 618

MASTER
M
DIVISION

August 5, 1982

RECEIVED
8/10/82

RECEIVED
AUG 9 1982
WASTE MANAGEMENT BRANCH
EPA, REGION V

U.S. Environmental Protection Agency
Region V
111 West Jackson Blvd.
Chicago, IL 60604

Attention: Mr. Karl J. Klepitsch, Jr.

Subject: Airtex Products
U.S. EPA #ILD001662816
G,TRS,TSD,PH

In our original request for storage permit for hazardous waste we had listed four separate materials as follows:

1.	Used Trichloroethylene UN1710 H.W. #F001	Hazard Class - #ORM-A
2.	Plating Bath Sludge NA9189 H.W. #F006	Hazard Class - #ORM-E
3.	Solid Cyanide Mixture Dry UN1935 H.W. #F011	Hazard Class - Poison B
4.	Liquid Waste Cyanide Solution UN1935 H.W. #F010	Hazard Class - Poison B

We had applied for a storage permit due to the fact that we did not generate as much as a truckload within a 90 day period. We received an acknowledgement of our request for permit and on May 4, 1982 we received the Interim Status acknowledgement.

Effective March 1, 1982 we no longer generate hazardous wastes #F010 and #F011. We made our last shipments of these materials to out of state disposal sites on July 26, 1982 and will no longer require a storage permit for these two items.

Please mark your records accordingly. If there are any questions, please contact me.

Yours very truly,

AIRTEX PRODUCTS

Roy Duke
Materials Manager

RD/nh

cc: Illinois EPA
Attention: Mr. Scott Philips

AIRTEX PRODUCTS
Div. of United Industrial Syndicate, Inc.
FAIRFIELD, ILLINOIS 62837 • FAIRFIELD 842-2111
AREA CODE 618

MASTER M DIVISION

March 2, 1982

EPA Region V
RCRA Activities
P.O. Box 7861
Chicago, IL 60680

Attention: Mr. Kawatachi

Subject: EPA I.D. #ILD001662816 gmb
Airtex Products

Reference: Waste Storage Application of 10/16/80 and
Supplemental Letter of 11/14/80

An application for a storage permit for hazardous wastes generated by Airtex was made on the above dates.

On Line 4, Page 3 of the application, in my letter of 11/14/80, we had listed EPA hazard waste #F008. We had based this on the listing on Page #33123 of the Federal Register #40CFR, Part 261.31 dated May 19, 1980.

However, based on the finalized listing on Page #74890, 40 CFR, Part 261.31 dated November 12, 1980, our plating sludge waste should be listed as F006 instead of F008 as it contains no cyanide. Apparently the original listing on F008 was changed.

Please change our application accordingly. The estimated annual quantity should be 1,000 gallons.

Please advise if other forms are required.

Yours very truly,

AIRTEX PRODUCTS

Roy Duke

Roy Duke
Materials Manager

RD/nh

RECEIVED
MAR 0 3 1982
WASTE MANAGEMENT BRANCH
EPA, REGION V

RECEIVED 3/09/82

U.S. EPA Region V
Chicago, IL 60680

Subject: Airtex Products
EPA #ILD001662816

Please give this your prompt attention.

Yours very truly,

AIRTEX PRODUCTS

Roy Duke
Materials Manager

RD:nh

Enc.

cc: IEPA
113 West Main Street
Collinsville, IL 62234
Attention: Ms Diane M. Spencer

15# 08-000-0730

HAZARDOUS

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL
SPECIAL WASTE DISPOSAL APPLICATION

PERMIT ISSUED

CARD TYPE DATE 11/5/80 (L P S W C) AUTHORIZATION NUMBER 802828 TRANS CODE A DATE ENTERED (Agency Use) 11/20/80

WASTE HAULER

16 67 HAULER REGISTRATION NUMBER 0074 NAME Conservation Chemical Co.

ADDRESS 6500 Industrial Hwy COMMUNITY Gary

COUNTY Lake STATE IN ZIP 46406 AREA CODE 219 TELEPHONE 9488229

WASTE GENERATOR

GENERATOR CODE 19101000001 G NAME Airtek Products

ADDRESS 407 W. Main COMMUNITY Fairfield

COUNTY Wayne STATE IL ZIP 62837 AREA CODE 618 TELEPHONE 842 2111

GENERATOR CONTACT NAME Curt Anderson

DUNS NUMBER _____ SIC CODE 3714

20 67 PROCESS NAME Heat Treat with Salt Bath

WASTE CHARACTERISTICS

GENERIC WASTE NAME Spent Cyanide Salts

40 67 IUPAC WASTE NAME _____

TOTAL ANNUAL WASTE VOLUME 80 VOLUME UNITS 2 WASTE PHASE 1

TRANSPORT FREQUENCY 8 WASTE CLASS (Agency Use) 05

1 = ONE TIME, 2 = DAILY, 3 = WEEKLY, 4 = BI-WEEKLY, 5 = MONTHLY, 6 = BI-MONTHLY, 7 = QUARTERLY, 8 = SEMI-ANNUALLY

1 = CUBIC YARDS, 2 = GALLONS

1 = SOLID, 2 = SEMI-SOLID, 3 = LIQUID, 4 = GAS

(Code either "1" for Low, "2" for Medium, or "3" for High as appropriate for columns 21 through 26):

50 67 INHALATION TOXICITY 1 DERMAL TOXICITY 1 INGESTIVE TOXICITY 1 INFECTIOUS _____ REACTIVITY _____ EXPLOSIVE _____

FLASH POINT 212°F ALPHA RADIATION _____ (pCi/L) COMPOSITION 2

1 = ORGANIC, 2 = INORGANIC

PERCENT ACIDITY _____ PERCENT ALKALINITY _____ pH 11.8 PERCENT TOTAL SOLIDS _____

60 67

KEY COMPONENT NAME	PERCENT	KEY COMPONENT NAME	PERCENT
1 Total Solids	98.7	2 Moisture	1.3
3		4	
5		6	
7		8	

RECEIVED
NOV 10 1980
E.P.A. — D.L.P.C.
STATE OF ILLINOIS

Section "B"

CARD TYPE DATE 11/5/80 L P S W C AUTHORIZATION NUMBER _____ TRANS CODE _____ DATE ENTERED (Agency Use) ___/___/___

WASTE CHARACTERISTICS

	METAL KEY	TOTAL (PPM)	LEACH (PPM)	METAL KEY	TOTAL (PPM)	LEACH (PPM)
CN	01	4940.	2906.	Cu	02	6.7	
Ag	03			Hg	04	1.9	
As	05	0.7		Ni	06	1.1	
Ba	07			Pb	08	38.7	
Cd	09	0.9		Se	10		
Cr	11	3.9		Zn	12	46	
PHENOL	13			% S	14	24.0	

LABORATORY NAME SUBURBAN LABORATORIES, INC

CERTIFICATION NUMBER _____ REVIEWED BY: I I S / Rama K. Chaturvedi

SITE CODE 01109503 SITE NAME SHEFFIELD/NUEASE #2

DISPOSAL METHOD 07 NEUTRALIZATION METHOD _____

STATUS A START DATE 10/15/80 EXPIRATION DATE 12/15/81

SIGNATURE Ewald Rajus (SITE OWNER) SIGNATURE _____ (SITE OPERATOR)

2 SITE CODE _____ SITE NAME _____

DISPOSAL METHOD _____ NEUTRALIZATION METHOD _____

STATUS _____ START DATE ___/___/___ EXPIRATION DATE ___/___/___

SIGNATURE _____ (SITE OWNER) SIGNATURE _____ (SITE OPERATOR)

3 SITE CODE _____ SITE NAME _____

DISPOSAL METHOD _____ NEUTRALIZATION METHOD _____

STATUS _____ START DATE ___/___/___ EXPIRATION DATE ___/___/___

SIGNATURE _____ (SITE OWNER) SIGNATURE _____ (SITE OPERATOR)

4 SITE CODE _____ SITE NAME _____

DISPOSAL METHOD _____ NEUTRALIZATION METHOD _____

STATUS _____ START DATE ___/___/___ EXPIRATION DATE ___/___/___

SIGNATURE _____ (SITE OWNER) SIGNATURE _____ (SITE OPERATOR)

5 SITE CODE _____ SITE NAME _____

DISPOSAL METHOD _____ NEUTRALIZATION METHOD _____

STATUS _____ START DATE ___/___/___ EXPIRATION DATE ___/___/___

SIGNATURE _____ (SITE OWNER) SIGNATURE _____ (SITE OPERATOR)

Telephone (312) 544-3260

802828

SUBURBAN LABORATORIES, Inc.

4140 LITT DRIVE HILLSIDE, ILLINOIS 60162

EARL I. ROSENBERG
President

H.R. THOMAS, JR.
Director

October 9, 1980

Airtex Products
Division of United Industrial Syndicate, Inc.
407 West Main Street
Fairfield, Illinois 62837

Re: P. O. #11304
Account #96A
Shippers #36364

Attn: Mr. Roy Duke

Sample Received: 9/29/80

Source: S/L #9625 - Solid Cyanide Waste

			Leach Test
	Total Solids %	98.73	
	Moisture %	1.27	
	Phenols (ppm)	2.0	
	Ash %	90.20	
	pH	11.8	
	Alkalinity (ppm) as $CaCO_3$	340,000	
	Acidity (ppm) as $CaCO_3$	0	
	Cyanide, Total (ppm)	4,940	2,906
	Density (g/ml)	0.9371	
	Sulfide (ppm)	24.0	
(+)	Arsenic (ppm)	0.695	
	Cadmium (ppm)	0.87	
	Cr. Total (ppm)	3.95	
	Copper (ppm)	6.75	
	Lead (ppm)	38.7	
	Mercury (ppb)	1.08	
	Nickel (ppm)	1.14	
	Zinc (ppm)	4.65	
	Flash Point °F	>212	
	Organic %	0.20	
	Inorganic %	99.80	

RECEIVED
NOV 10 1980
E.P.A. — D.L.P.C.
STATE OF ILLINOIS

ANALYSIS CERTIFIED BY: H.R. Thomas Jr., Director (HRT:ih)

(+) By HGA

810140

ARDL, Inc.

CHEMISTRY – BIOLOGY – PHYSIOLOGY – ENGINEERING
ENVIRONMENTAL ANALYSIS

P. O. BOX 1566
1801 FOREST STREET
MT. VERNON, ILLINOIS 62864
TELEPHONE (618) 244 - 3235

Administrator #
W. S. # 08 – 000 – 6612

RECEIVED
JAN 14 1981
E.P.A. – D.I P.C.
STATE OF ILLINOIS

Originator: Airtex Products
407 W. Main
Fairfield, IL 62837

Date: 11/19/80
Type of sample(s): Waste Oil
Collected By: Mr. Tadros

Sample Number		Date		Parameter	Result
Original	ARDL	Received	Completed		
	6854	10/23/80	11/18/80	pH (Units)*	10.7
				Alkalinity, Total*	6110 mg/l as CaCO3
				Ash (%)	6.85
				Flash Point (°F)**	380
				Phenol	0.96 µg/gm "as is"
				Sulfide	< 0.10
				Cyanide	7.8
				Arsenic	< 0.5
				Cadmium	1.0
				Chromium	6.5
				Copper	11
				Mercury	0.0750

Remarks: *Water extract of oil sample (100 ml water, 50 g oil)
**Cleveland Open Cup.

Analytical Techniques: U.S.E.P.A. 600/4-79-020 - Methods for Chemical Analysis of Water and Wastes.

Analyst: KL, KM, BH

Submitted by:
L. V. Gibbons, Ph.D.
Laboratory Director

810190

ARDL, Inc.

CHEMISTRY - BIOLOGY - PHYSIOLOGY - ENGINEERING
ENVIRONMENTAL ANALYSIS

W. S. # 08 - 000 - 6612

P. O. BOX 1566
1801 FOREST STREET
MT. VERNON, ILLINOIS 62864
TELEPHONE (618) 244 - 3235

Originator: Airtex Products Date: 11/19/80

Type of sample(s):

Collected By:

Sample Number		Date		Parameter	Result µg/gm "as is"
Original	ARDL	Received	Completed		
	6854			Nickel	9.5
				Lead	10
				Zinc	36
				Selenium	91

Remarks:

Analyst: KL, KM, BH

Submitted by:

L. V. Gibbons, Ph.D.
Laboratory Director

REQUEST FOR DISPOSAL

APPROVED

SITE SELECTION: ☒ SHEFFIELD, ILLINOIS ☐ BEATTY, NEVADA

GENERAL INFORMATION

STATE WS# F010 810190 NECO WS# 18 (1) 6/6/87 (9)

G (10) GENERATOR NAME: Airtex Products (11–35)

GENERATING FACILITY ADDRESS: 407 West Main Street (36–60); (61–85)

CITY: Fairfield (86–100) STATE: IL (101) ZIP CODE: 62837 – (103–111)

US EPA GENERATOR ID NUMBER: ILD001662816 (112–123)

STATE EPA GENERATOR ID NUMBER: 1910100001

C (10) ADMINISTRATIVE CONTACT: Mickey Borah (11–35)

TELEPHONE A/C: 618 – 842 – 2111 EXT. 344 (36–38, 39–41, 42–45, 46–49)

TECHNICAL CONTACT: Heikal Tadros (51–75)

TELEPHONE A/C: 618 – 842 – 2111 EXT. 261 (76–78, 79–81, 82–85, 86–89)

WASTE HAULER: Airtex Products

ADDRESS: Fairfield, Illinois

TELEPHONE A/C: 618 – 842 – 2111

US EPA WASTE HAULER #:

STATE EPA WASTE HAULER #: ILL #0330

NECO CUSTOMER #: 23901 (90–95) Guest Chem. KC

DATE RECEIVED: 12 19 80 (96–101)

APPROVAL REQUESTED: ☐ ☒ ☐ ☐ (102–105)

RETURN COMPLETED FORM TO:

106 W. 14th St. Ste 2406
Kansas City, MO 64105

N

WASTE DESCRIPTION

LAB NAME ARDL, Inc. DATE OF ANALYSIS Nov. 19, 1980

WASTE STREAM NAME

Quenching bath sludge from heat treat (11–50)

PROCESS GENERATING WASTE

Quenching parts from cyanide salt bath heat treat (51–90)

E (10)

EPA HAZARDOUS WASTE NUMBERS

F010 (11–14)	(15–18)	(19–22)	(23–26)	(27–30)
(31–34)	(35–38)	(39–42)	(43–46)	(47–50)
(51–54)	(55–58)	(59–62)	(63–66)	(67–70)

[*] (71) [ ] ADDITIONAL EPA HAZARDOUS WASTE NUMBERS ATTACHED

W (10) KEY COMPONENTS

		PERCENT SAMPLE	EXPECTED	RANGE
1 (12–41)	Medium weight quenching oil	100.0 ~~99.4~~ (42–45)	99 (46–48)	100 (49–51)
52–81	Total alkalinity as CaCO3	0.6 (82–85)	0 (86–88)	1 (89–91)
2 (12–41)		(42–45)	(46–48)	(49–51)
52–81		(82–85)	(86–88)	(89–91)
3 (12–41)		(42–45)	(46–48)	(49–51)
52–81		(82–85)	(86–88)	(89–91)

[X] ADDITIONAL KEY COMPONENT DESCRIPTION ATTACHED

ANALYTICAL TECHNIQUE(s) USED Visual, Atomic Absorbtion, General Wet Chemical Analysis per USEPA - 600/4-79-020

P (10)

WASTE PROPERTIES

WASTE COMPOSITION

- [X] 1. ORGANIC
- [ ] 2. INORGANIC
- [ ] 3. BOTH ORGANIC & INORGANIC (11)

WASTE STATE

- [ ] 1. SOLID
- [X] 2. LIQUID (12) — 14 VISCOSITY (Centipoise)

pH 10.7 (13–15) PERCENT ACIDIC (16–19) PERCENT ALKALI 0.6 (20–23)

ANALYTICAL TECHNIQUE Titration expressed as $CaCO_3$ (Calcium Carbonate)

FLASHPOINT 380 (24–26) °F

ANALYTICAL TECHNIQUE Cleveland Open Cup

DENSITY 7.1 (28–31)

- [X] 1. lbs/gallon (LIQUIDS)
- [ ] 2. lbs/cu. ft. (SOLIDS) (32)

SHIPPING INFORMATION

ANTICIPATED ANNUAL VOLUME

5000 (33–38)

- [X] 1. GALLONS
- [ ] 2. CU. FT. (39)

TRANSPORT FREQUENCY

- [ ] 1. DAILY
- [ ] 2. WEEKLY
- [ ] 3. MONTHLY
- [X] 4. ANNUALLY
- [ ] 5. ONE TIME (40)

DOT PROPER SHIPPING NAME

Waste Cyanide Solution N.O.S. (41–90)

DOT UN/NA CODE

NA1588 (91–96)

DOT HAZARD CLASSES APPLICABLE (101 – 120)

☐	01	COMBUSTIBLE	☐	08	FLAMMABLE SOLID	☒	15 POISON B
☐	02	CORROSIVE	☐	09	IRRITATING AGENT	☐	16 RADIOACTIVE
☐	03	ETIOLOGIC AGENT	☐	10	NONFLAMMABLE GAS	☐	17 ORM–A
☐	04	EXPLOSIVE A	☐	11	ORGANIC PEROXIDE	☐	18 ORM–B
☐	05	EXPLOSIVE B	☐	12	ORM–E	☐	19 ORM–C
☐	06	FLAMMABLE GAS	☐	13	OXIDIZER	☐	20 ORM–D
☐	07	FLAMMABLE LIQUID	☐	14	POISON A		

☒ Y (121) ☐ PACKAGES WILL CONTAIN REPORTABLE QUANTITY OF A HAZARDOUS SUBSTANCE

PROPOSED PACKAGING

(122) DOT 17H 55 Gallon steel drum (151)

I certify and warrant that the above waste stream identification for the materials offered for disposal as appears on this form, and any attachments or supplements, is true and correct. I further certify and warrant that the identification is the result of an analysis of a representative sample obtained and analyzed in accordance with procedures specified by the U.S. Environmental Protection Agency.

Authorized Signature Melvin L Spencer

Name Melvin L. Spencer

Date December 9, 1980 Title President

FOR NECO USE ONLY

Date of Technical Approval 1-2-81 Approved by RLH Expiration Date Contract #	Q.A. Requirements:
Special Handling / Safety Requirements:	Compatibility Requirements: "B" trench "C"

AIRTEX PRODUCTS
Div. of United Industrial Syndicate, Inc.
FAIRFIELD, ILLINOIS 62837 • FAIRFIELD 842-2111
AREA CODE 618

November 14, 1980

EPA Region V
RCRA Activities
P.O. Box 7861
Chicago, IL 60680

Subject: EPA I.D. #ILD001662816
Airtex Products

Reference our telephone conversation of 11/10/80 with Mr. Kawatachi pertaining to our hazardous waste permit application for storage dated 10/16/80. Since we sent in the original application we find that we failed to list our storage of used trichlorethylene F001; sludge from the degreaser F002; sludge from plating tanks F008; and sludge from heat treating quench tanks F010. Please make the following additions to our application:

Page 1, III. Processes - Codes and Design Capacities

Line	A. Process Code	B. Process Design Capacity	
2	S01	1000	G
3	S01	100	G
4	S01	100	G
5	S01	150	G

Page 3, IV. Description of Hazardous Wastes

Line	A. EPA Hazard. Waste No.	B. Est. Annual Quantity	C. Unit of Measure	D. Processes
2	F001	4	T	S01
3	F002	800	P	S01
4	F008	1000	P	S01
5	F010	780	P	S01

66

November 14, 1980

EPA Region V
RCRA Activities
Chicago, IL 60680

Page 2

Attached is a pencil copy of Form 3510-3 (6-80) pages 1 and 3 filled in to clarify these additions.

Also attached is a map showing storage location at our Plant #2 in Fairfield, Illinois.

Please advise if there are any problems.

Yours very truly,

AIRTEX PRODUCTS,

Roy Duke

Roy Duke
Materials Manager

RD/nh

Please print or type in the unshaded areas only
(fill—in areas are spaced for elite type, i.e., 12 characters/inch).

Form Approved OMB No. 158-R0175 30

FOR 1 GENERAL

EPA

ENVIRONMENTAL PROTECTION AGENCY

GENERAL INFORMATION

Consolidated Permits Program

(Read the "General Instructions" before starting.)

I. EPA I.D. NUMBER

S | F | I L D 0 0 1 6 6 2 8 1 6 | 3 | T/A | C | D

1 2 - 13 14 15

LABEL ITEMS

- II. EPA I.D. NUMBER
- III. FACILITY NAME
- V. FACILITY MAILING ADDRESS
- VI. FACILITY LOCATION

ILD001662816

Airtex Products Div.
UNITED INDUSTRIAL SYNDICATE
407 W MAIN
FAIRFIELD, IL 62837

407 W MAIN
FAIRFIELD, IL 62837

GENERAL INSTRUCTIONS

If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill—in area below. Also, if any of the preprinted data is absent *(the area to the left of the label space lists the information that should appear)*, please provide it in the proper fill—in area*(s)* below. If the label is complete and correct, you need not complete Items I, III, V, and VI *(except VI-B which must be completed regardless)*. Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of **bold—faced terms.**

SPECIFIC QUESTIONS	MARK 'X' YES	NO	FORM ATTACHED
A. Is this facility a **publicly owned treatment works** which results in a **discharge** to **waters of the U.S.?** (FORM 2A)		X	
B. Does or will this facility *(either existing or proposed)* include a **concentrated animal feeding operation** or **aquatic animal production facility** which results in a **discharge** to **waters of the U.S.?** (FORM 2B)		X	
C. Is this a facility which currently results in **discharges** to **waters of the U.S.** other than those described in A or B above? (FORM 2C)		X	
D. Is this a proposed facility *(other than those described in A or B above)* which will result in a **discharge** to **waters of the U.S.?** (FORM 2D)		X	
E. Does or will this facility treat, store, or dispose of **hazardous wastes?** (FORM 3)	X		
F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X	
H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed **stationary source** which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an **attainment area?** (FORM 5)		X	
J. Is this facility a proposed **stationary source** which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an **attainment area?** (FORM 5)		X	

III. NAME OF FACILITY

C 1 | SKIP | AIRTEX PROD. DIV. UNITED INDUSTRIAL SYNDICATE

15 16 - 29 30 69

IV. FACILITY CONTACT

A. NAME & TITLE *(last, first, & title)*	B. PHONE *(area code & no.)*		
C 2 ANDERSON CURT GEN. PLANT SUPT.	618	842	2111
15 16 45	46 - 48	49 - 51	52 - 55

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX

C 3 407 West Main Street

15 16 45

B. CITY OR TOWN	C. STATE	D. ZIP CODE
C 4 FAIRFIELD	IL	62837
15 16 40	41 42	47 - 51

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER

C 5 407 West Main Street

15 16 45

B. COUNTY NAME

WAYNE

46 70

C. CITY OR TOWN	D. STATE	E. ZIP CODE	F. COUNTY CODE *(if known)*
C 6 FAIRFIELD	IL	62837	191
15 16 40	41 42	47 - 51	52 - 54

EPA Form 3510-1 (6-80)

OCT 14 1980

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

VII. SIC CODES (4-digit, in order of priority)

A. FIRST	B. SECOND
3714 (specify) Gas engines, parts and accessories for motor vehicles	NONE

C. THIRD	D. FOURTH
NONE	NONE

VIII. OPERATOR INFORMATION

A. NAME: AIRTEX PROD. DIV. UNITED IND. SYNDICATE

B. Is the name listed in Item VIII-A also the owner? [X] YES [ ] NO

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)
F = FEDERAL; S = STATE; P = PRIVATE; M = PUBLIC (other than federal or state); O = OTHER (specify)
P (specify)

D. PHONE (area code & no.): 618 842 2111

E. STREET OR P.O. BOX: 407 West Main Street

F. CITY OR TOWN: FAIRFIELD

G. STATE: IL

H. ZIP CODE: 62837

IX. INDIAN LAND

Is the facility located on Indian lands? [ ] YES [X] NO

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)	D. PSD (Air Emissions from Proposed Sources)
9 N	9 P

B. UIC (Underground Injection of Fluids)	E. OTHER (specify)
9 U	9 Z 1972-EE-961 (specify) Chromate destruction plating waste pretreatment plant

C. RCRA (Hazardous Wastes)	E. OTHER (specify)
9 R	9 Z 191010AAD (specify) Exhaust systems

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property bounderies. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

F6: B/50

XII. NATURE OF BUSINESS (provide a brief description)

Manufacturer and distributor of automotive parts (fuel pumps, water pumps, hydraulic brake parts, front end suspension parts and filters).

F6: A/51

XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
Melvin L. Spencer Division President	Melvin L Spencer	10/16/80

COMMENTS FOR OFFICIAL USE ONLY

Please print or type in the unshaded areas only
(fill—in areas are spaced for elite type, i.e., 12 characters/inch).

Form Approved OMB No. 158-S80004 30

FORM 3 RCRA

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
HAZARDOUS WASTE PERMIT APPLICATION
Consolidated Permits Program
(This information is required under Section 3005 of RCRA.)

I. EPA I.D. NUMBER: S F I L D 0 0 1 6 6 2 8 1 6 T/A 3 C 1

FOR OFFICIAL USE ONLY

APPLICATION APPROVED	DATE RECEIVED (yr., mo., & day)	COMMENTS

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below *(mark one box only)* to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

A. FIRST APPLICATION *(place an "X" below and provide the appropriate date)*

[X] 1. EXISTING FACILITY *(See instructions for definition of "existing" facility. Complete item below.)*

FOR EXISTING FACILITIES, PROVIDE THE DATE *(yr., mo., & day)* OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED *(use the boxes to the left)*: C 8 | YR. 4 2 | MO. 0 6 | DAY 3 0

[ ] 2. NEW FACILITY *(Complete item below.)*

FOR NEW FACILITIES, PROVIDE THE DATE *(yr., mo., & day)* OPERATION BEGAN OR IS EXPECTED TO BEGIN: YR. | MO. | DAY

B. REVISED APPLICATION *(place an "X" below and complete Item I above)*

[ ] 1. FACILITY HAS INTERIM STATUS

[ ] 2. FACILITY HAS A RCRA PERMIT

III. PROCESSES — CODES AND DESIGN CAPACITIES

A. PROCESS CODE — Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process *(including its design capacity)* in the space provided on the form *(Item III-C)*.

B. PROCESS DESIGN CAPACITY — For each code entered in column A enter the capacity of the process.

1. AMOUNT — Enter the amount.
2. UNIT OF MEASURE — For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:		
CONTAINER *(barrel, drum, etc.)*	S01	GALLONS OR LITERS
TANK	S02	GALLONS OR LITERS
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS
Disposal:		
INJECTION WELL	D79	GALLONS OR LITERS
LANDFILL	D80	ACRE-FEET *(the volume that would cover one acre to a depth of one foot)* OR HECTARE-METER
LAND APPLICATION	D81	ACRES OR HECTARES
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Treatment:		
TANK	T01	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR
OTHER *(Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.)*	T04	GALLONS PER DAY OR LITERS PER DAY

UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G
LITERS	L
CUBIC YARDS	Y
CUBIC METERS	C
GALLONS PER DAY	U
LITERS PER DAY	V
TONS PER HOUR	D
METRIC TONS PER HOUR	W
GALLONS PER HOUR	E
LITERS PER HOUR	H
ACRE-FEET	A
HECTARE-METER	F
ACRES	B
HECTARES	Q

EXAMPLE FOR COMPLETING ITEM III *(shown in line numbers X-1 and X-2 below)*: A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

S C DUP T/A 3 C 1

LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY 1. AMOUNT (specify)	B. PROCESS DESIGN CAPACITY 2. UNIT OF MEASURE (enter code)	FOR OFFICIAL USE ONLY
X-1	S02	600	G	
X-2	T03	20	E	
1	S01	3838 000 ~~19 000~~ Ak	G Ak	
2	S01	1 000 000	G Ak	
3	S01	100 000	G Ak	
4	S01	100 000	G Ak	
5	S01	150 000 ~~[illegible]~~ 5 188 000	G Ak	
6				
7				
8				
9				
10				

Continued from the front.

III. PROCESSES *(continued)*

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES *(code "T04")*. FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

IV Line 1 - Describes storage until truck load is accumulated for shipment to disposal site.

IV. DESCRIPTION OF HAZARDOUS WASTES

A. EPA HAZARDOUS WASTE NUMBER – Enter the four–digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four–digit number*(s)* from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

B. ESTIMATED ANNUAL QUANTITY – For each **listed waste** entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each **characteristic** or **toxic contaminant** entered in column A estimate the total annual quantity of all the non–listed waste*(s)* that will be handled which possess that characteristic or contaminant.

C. UNIT OF MEASURE – For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:
   For listed hazardous waste: For each **listed** hazardous waste entered in column A select the code*(s)* from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.
   For non–listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code*(s)* from the list of process codes contained in Item III to indicate **all** the processes that will be used to store, treat, and/or dispose of all the non–listed hazardous wastes that possess that characteristic or toxic contaminant.
   Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code*(s)*.

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER – Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B,C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV *(shown in line numbers X-1, X-2, X-3, and X-4 below)* – A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non–listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES 1. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (if a code is not entered in D(1))
X-1	K 0 5 4	900	P	T 0 3 D 8 0	
X-2	D 0 0 2	400	P	T 0 3 D 8 0	
X-3	D 0 0 1	100	P	T 0 3 D 8 0	
X-4	D 0 0 2				included with above

NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

30

Form Approved OMB No. 158-S80004

EPA I.D. NUMBER (enter from page 1)														FOR OFFICIAL USE ONLY													
S												T/A	C	S											T/A	C	
W	I	L	D	0	0	1	6	6	2	8	1	6	3	1	W	D	U	P							3	2	DUP

DESCRIPTION OF HAZARDOUS WASTES (continued)

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES 1. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (if a code is not entered in D(1))
1	F011	40000	T	S01	
2	F001	4000	T	S01	4k
3	F002	800000	P	S01	ak
4	F008	1000000	P	S01	ak
5	F010	780000	P	S01	ak
6					
7					
8					
9					
10					
11					
12					
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14					
15					
16					
17					
18					
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21					
22					
23					
24					
25					
26					

EPA Form 3510-3 (6-80)

CONTINUE ON REVERSE

(enter "A", "B", "C", etc. behind the "3" to identify photocopied pages)

Continued from the front.

IV. DESCRIPTION OF HAZARDOUS WASTE (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

EPA I.D. NO. (enter from page 1)

F | I L D 0 0 1 6 6 2 8 1 6 | T/A 3 | C 6

V. FACILITY DRAWING

All **existing** facilities must include in the space provided on page 5 a scale drawing of the facility *(see instructions for more detail).* F6:B/55

VI. PHOTOGRAPHS

All existing facilities must include photographs *(aerial or ground–level)* that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas *(see instructions for more detail).* F6:B/56

VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)	LONGITUDE (degrees, minutes, & seconds)
38 (65 66) 22 (67 68) 30 (69 - 71) ok	088 (72 - 74) 21 (75 76) 15 (77 - 79) ok

VIII. FACILITY OWNER

[X] A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER	2. PHONE NO. (area code & no.)
C E (15 16 - 55)	(56 - 58) - (59 - 61) - (62 - 65)

3. STREET OR P.O. BOX	4. CITY OR TOWN	5. ST.	6. ZIP CODE
C F (15 16 - 45)	C G (15 16 - 40)	(41 42)	(47 - 51)

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)	B. SIGNATURE	C. DATE SIGNED
Melvin L. Spencer Division President	Melvin L Spencer	10/16/80

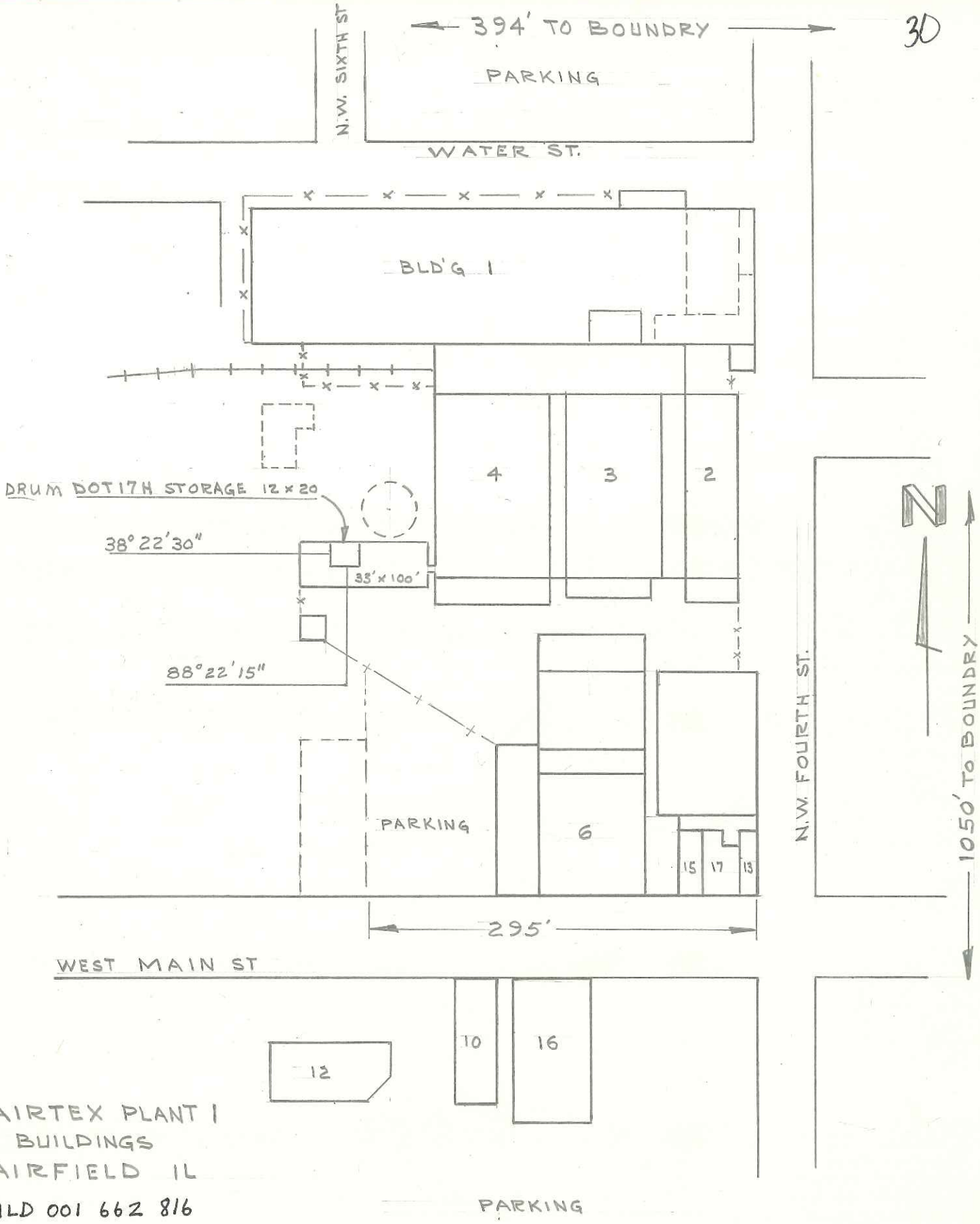
X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)	B. SIGNATURE	C. DATE SIGNED

Form Approved OMB No. 158-S80004

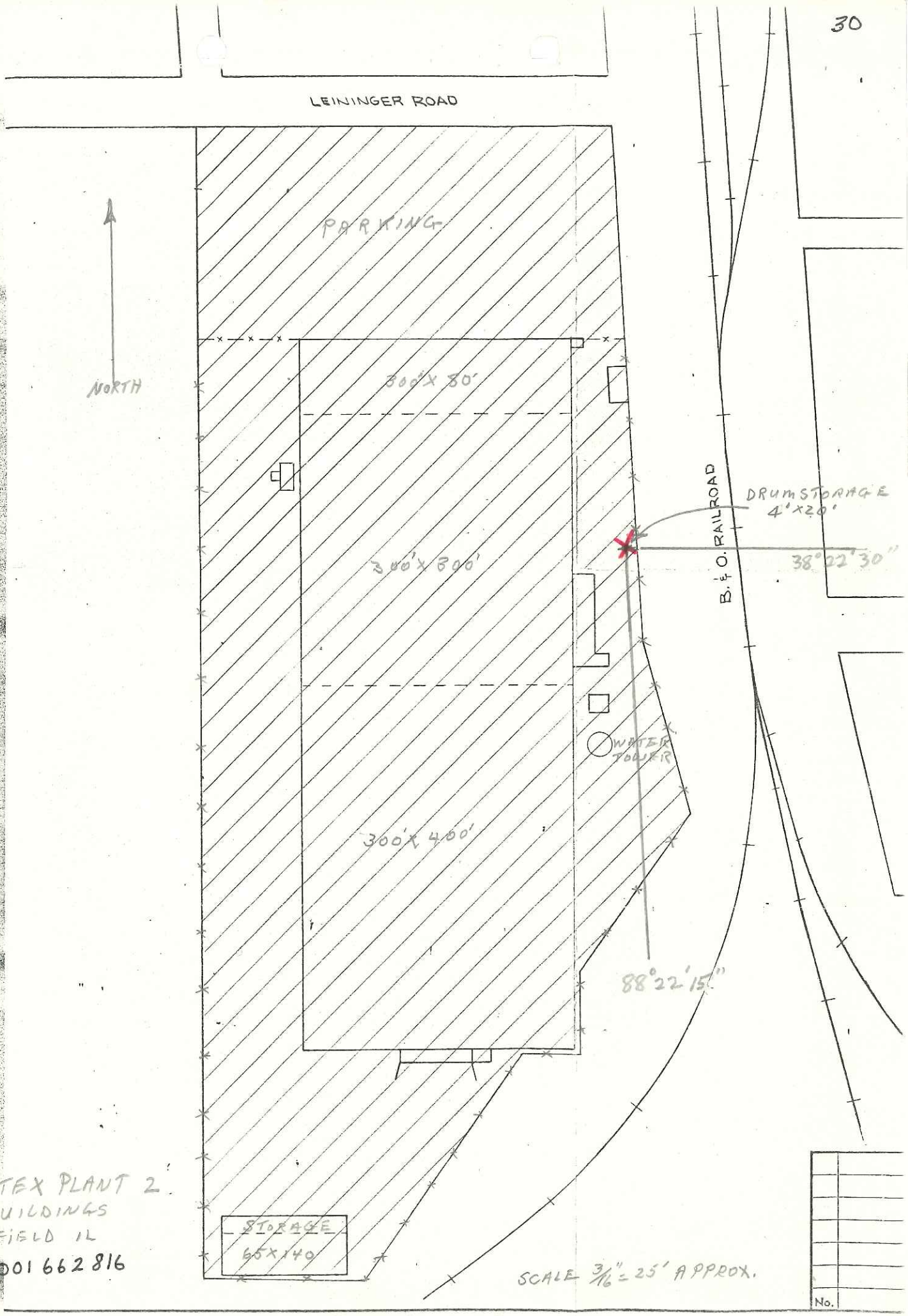
V. FACILITY DRAWING *(see page 4)*



AIRTEX PLANT 1
BUILDINGS
FAIRFIELD IL

ILD 001 662 816

SCALE 1" = 100' APPROX



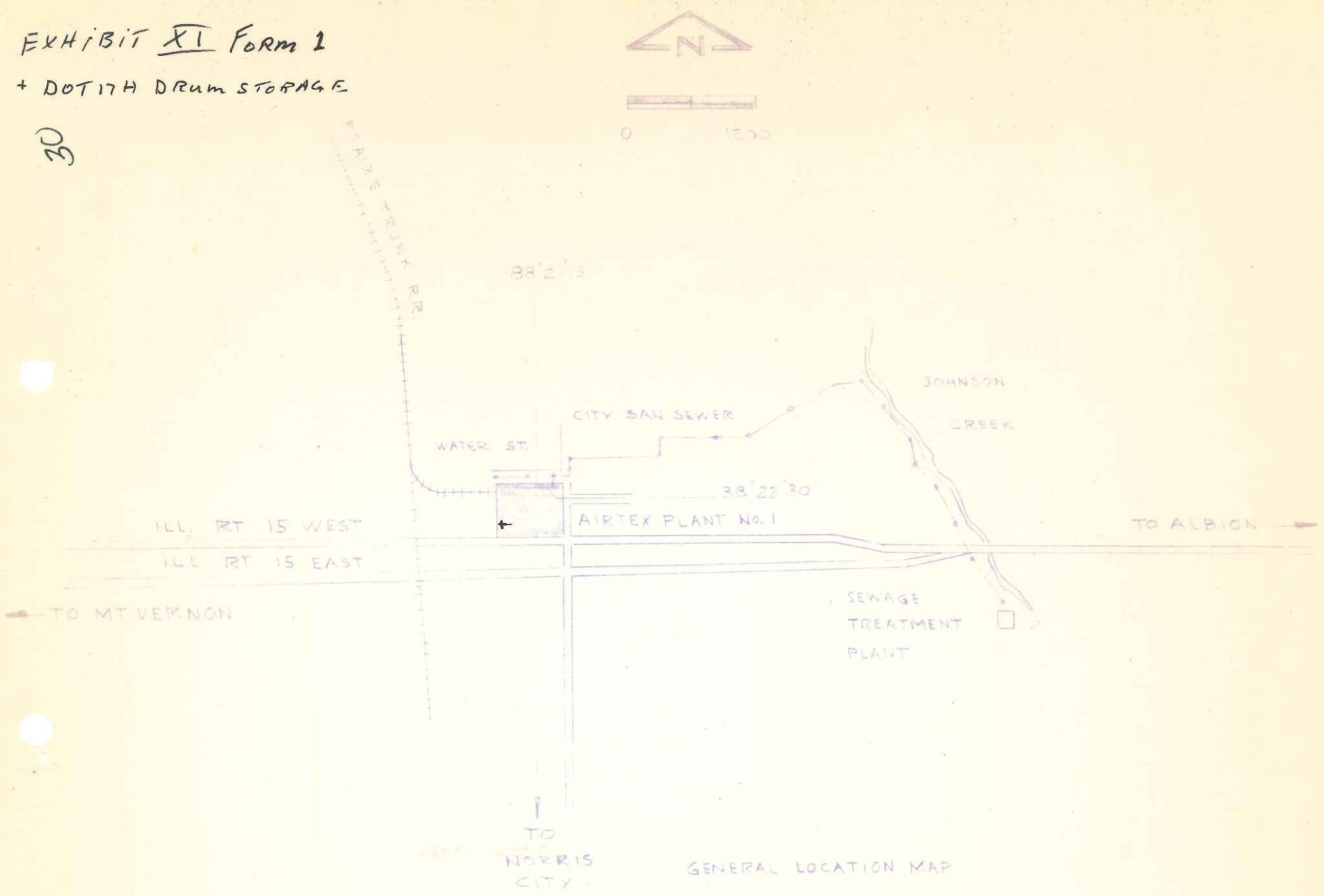
AIRTEX PLANT 2
BUILDINGS
FAIRFIELD IL
ILD 001 662 816

ADD. TO PAGE 5 OF 5

EXHIBIT XI FORM 1

+ DOT 17H DRUM STORAGE

30



GENERAL LOCATION MAP

AIRTEX PLANT No. 1

FAIRFIELD

WAYNE COUNTY, ILLINOIS

ILD 001 662 816

AIRTEX PRODUCTS
DIV. OF UNITED INDUSTRIA SYNDICATE, INC.
407 W. MAIN STREET
FAIRFIELD, IL. 62837

ILD 001 662 816

10-15-80 SOUTH SIDE

10-15-80 SOUTH SIDE

10-15-80 SOUTHWEST

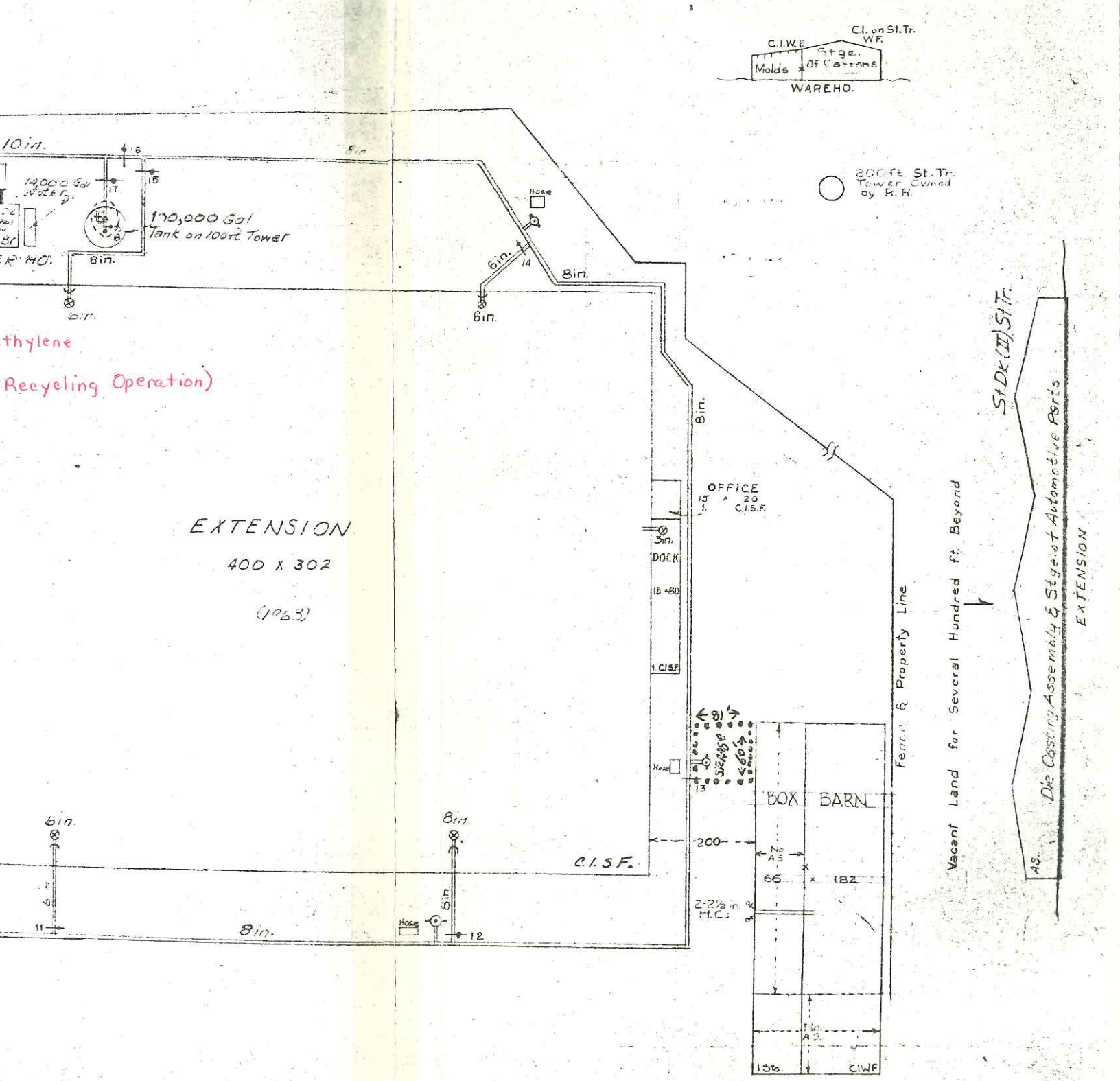
10.15.80 NORTH SIDE

AIRTEX PRODUCTS
DIV. OF UNITED INDUSTRIAL SYNDICATE, INC.
407 W. MAIN STREET
FAIRFIELD, IL. 62837

ILD 001 662 816.

← 10-15-80
DRUM STORAGE

← 10-15-80.



UNITED INDUSTRIAL SYNDICATE, INC.
"AIRTEX PLANT NO 2"
Fairfield, Ill.

For Reg. Repl. of W.T. Schmidt
Dated Oct. 5, 1977
Scale 1in = 50ft.
By

FACTORY MUTUAL ENGINEERING ASSOCIATION
Factory Mutual System

Tr. No. 68-4023

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
230 SOUTH DEARBORN ST.
CHICAGO, ILLINOIS 60604

REPLY TO THE ATTENTION OF:

5HS-JCK-13

TSD only

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

U.S. EPA ID #: ILD001662816

UNITED IND SYNDICATE AIR TEX PROD *
407 WEST MAIN ST
FAIRFIELD IL 62837

RE: Hazardous Waste Permit Application

Dear Permit Applicant:

As you know, you have previously submitted Part A of the Resource Conservation and Recovery Act (RCRA) permit application for the above-referenced facility. Timely submission of "the Part A" has allowed most hazardous waste management facilities to continue to operate under RCRA "interim status"(or the State program equivalent), while complying with applicable technical and record-keeping standards.

On November 8, 1984, the Hazardous and Solid Waste Amendments of 1984 (the 1984 Amendments) were enacted to modify RCRA. Under the 1984 Amendments, all RCRA permits issued after the date of enactment must provide for corrective action for all releases of hazardous waste or hazardous waste constituents from any solid waste management unit, regardless of the time at which waste was placed in the unit. In addition, all interim status facilities are subject to corrective action requirements, regardless of whether they have 1) submitted a Part B application, 2) submitted a closure plan, 3) reverted to generator status only, 4) actually closed, or 5) none of these. Unless our Agency has formally terminated the facility's interim status, the corrective action requirements apply. Please note that both hazardous and non-hazardous waste can meet the definition of solid waste under 40 CFR 261.2 (or the State regulation equivalent).

We must determine whether releases of hazardous waste or hazardous waste constituents have ever occurred at the facility site. If they have, we must ensure that corrective actions either have been taken or will be taken to eliminate threats to public health or the environment. An important element in our decision process is the information that you provide on the enclosed certification statement. Please read it carefully and either sign it and return it, or return it unsigned with a cover letter of explanation, within 45 days of the date of this letter. At some point in time, public input will be sought to either confirm or deny information you provide, or information we gather on our own, concerning releases and corrective actions.

Please mail your response to the following:

RCRA Activities
Region V
P. O. Box A3587
Attention: ATKJG
Chicago, Illinois 60690

Sincerely yours,

David A. Stringham
Chief, Solid Waste Branch

Enclosure

CERTIFICATION REGARDING POTENTIAL RELEASES FROM
SOLID WASTE MANAGEMENT UNITS

FACILITY NAME: Airtex Products

EPA I.D. NUMBER: ILD001662 816

LOCATION CITY: Fairfield

STATE: Illinois 62837

1. Are there any of the following solid waste management units (existing or closed) at your facility? NOTE - DO NOT INCLUDE HAZARDOUS WASTE UNITS CURRENTLY SHOWN IN YOUR PART A APPLICATION

	YES	NO
° Landfill		X
° Surface Impoundment		X
° Land Farm		X
° Waste Pile		X
° Incinerator		X
° Storage Tank (Above Ground)		X
° Storage Tank (Underground)	X	
° Container Storage Area		X
° Injection Wells		X
° Wastewater Treatment Units	X	
° Transfer Stations		X
° Waste Recycling Operations	X	
° Waste Treatment, Detoxification		X
° Other _____		

2. If there are "Yes" answers to any of the items in Number 1 above, please provide a description of the wastes that were stored, treated or disposed of in each unit. In particular, please focus on whether or not the wastes would be considered as hazardous wastes or hazardous constituents under RCRA. Also include any available data on quantities or volume of wastes disposed of and the dates of disposal. Please also provide a description of each unit and include capacity, dimensions and location at facility. Provide a site plan if available.

see attached sheet

NOTE: Hazardous wastes are those identified in 40 CFR 261. Hazardous constituents are those listed in Appendix VIII of 40 CFR Part 261.

3. For the units noted in Number 1 above and also those hazardous waste units in your Part A application, please describe for each unit any data available on any prior or current releases of hazardous wastes or constituents to the environment that may have occurred in the past or may still be occurring.

   Please provide the following information

   a. Date of release
   b. Type of waste released
   c. Quantity or volume of waste released
   d. Describe nature of release (i.e., spill, overflow, ruptured pipe or tank, etc.)

   None

4. In regard to the prior or continuing releases described in Number 3 above, please provide (for each unit) any analytical data that may be available which would describe the nature and extent of environmental contamination that exists as a result of such releases. Please focus on concentrations of hazardous wastes or constituents present in contaminated soil or groundwater.

   N/A

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the submittal is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (42 U.S.C. 6902 et seq. and 40 CFR 270.11(d))

Wayne M. Borah, General Plant Superintendent
Typed Name and Title

Wayne M Borah
Signature

9/15/86
Date

CONTINUING RELEASES AT PERMITTED FACILITIES

SEC. 206. Section 3004 of the Solid Waste Disposal Act is amended by adding the following new subsection after subsection (t) thereof:

"(u) CONTINUING RELEASES AT PERMITTED FACILITIES.—Standards promulgated under this section shall require, and a permit issued after the date of enactment of the Hazardous and Solid Waste Amendments of 1984 by the Administrator or a State shall require, corrective action for all releases of hazardous waste or constituents from any solid waste management unit at a treatment, storage, or disposal facility seeking a permit under this subtitle, regardless of the time at which waste was placed in such unit. Permits issued under section 3005 shall contain schedules of compliance for such corrective action (where such corrective action cannot be completed prior to issuance of the permit) and assurances of financial responsibility for completing such corrective action.".

4 DAY MONITORING RESULTS OF AIRTEX PRODUCTS WASTE WATER TREATMENT SYSTEM

Waste Treatment Permit #1982-EE-1055

	Raw Waste	Treated Effluent	Raw Waste	Treated Effluent	Raw Waste	Treated Effluent	Raw Waste	Treated Effluent	Raw 4 Day Average	Treated Raw 4 Day Average	City Sewer Ordinance Limits
	5/17/83	5/17/83	5/18/83	5/18/83	5/19/83	5/19/83	5/20/83	5/20/83	5/17-5/20	5/17-5/20	
Cadmium*	0.01 mg/1	0.01 mg/1	0.01 mg/1	0.01 mg/1	0.01 mg/1	0.01 mg/1	0.01 mg/1	0.01 mg/1	0.01 mg/1	0.01 mg/1	2.0 mg/1
Chromium (Tri)	9.3 mg/1	0.49 mg/1	4.0 mg/1	0.17 mg/1	5.7 mg/1	0.38 mg/1	16. mg/1	0.38 mg/1	8.75 mg/1	0.35 mg/1	10.0 mg/1
Chromium (Hex)	0.01 mg/1	0.01 mg/1	13. mg/1	0.01 mg/1	5.3 mg/1	0.01 mg/1	66. mg/1	0.01 mg/1	21.0 mg/1	0.01 mg/1	5.0 mg/1
Chromium (Total)	9.31 mg/1	0.49 mg/1	17. mg/1	0.17 mg/1	11. mg/1	0.38 mg/1	82. mg/1	0.38 mg/1	29.8 mg/1	0.35 mg/1	15. mg/1
Copper*	0.08 mg/1	0.01 mg/1	0.01 mg/1	0.01 mg/1	0.03 mg/1	0.01 mg/1	0.14 mg/1	0.01 mg/1	0.065 mg/1	0.01 mg/1	3. mg/1
Cyanide	0.016 mg/1	0.005 mg/1	0.016 mg/1	0.005 mg/1	0.024 mg/1	0.005 mg/1	0.052 mg/1	0.005 mg/1	0.027 mg/1	0.005 mg/1	2. mg/1
Iron	26. mg/1	0.51 mg/1	14. mg/1	0.26 mg/1	15. mg/1	0.06 mg/1	17. mg/1	0.14 mg/1	18. mg/1	0.24 mg/1	15. mg/1
Lead	0.10 mg/1	0.01 mg/1	0.10 mg/1	0.01 mg/1	0.10 mg/1	0.01 mg/1	0.01 mg/1	0.01 mg/1	0.077 mg/1	0.01 mg/1	0.1 mg/1
Nickel*	0.52 mg/1	0.02 mg/1	0.33 mg/1	0.02 mg/1	0.55 mg/1	0.01 mg/1	0.55 mg/1	0.02 mg/1	0.48 mg/1	0.017 mg/1	3.0 mg/1
Zinc*	71. mg/1	2.4 mg/1	86. mg/1	0.73 mg/1	68. mg/1	1.6 mg/1	72. mg/1	1.7 mg/1	74.25 mg/1	1.60 mg/1	2.0
Flow	15 Gal Per Min	15Gal Per Min	15 Gal Per Min	15 Gal Per Min	15 Gal Per Min	15Gal Per Min	15 Gal Per Min	15 Gal Per Min	15 Gal Per Min	15 Gal Per Min	
P.H.	2.4	8.4	6.95	9.0	2.7	8.6	11.9	8.65	5.98	8.66	5.5 to 10.5
Total Metals*	71.61 mg/1	2.44 mg/1	86.35 mg/1	0.77 mg/1	68.59 mg/1	1.63 mg/1	72.7 mg/1	1.74 mg/1	74.81 mg/1	1.645 mg/1	

Flow - 15 Gal per min for 16 hours per day = 14,400 gal total flow per day.

Illinois Environmental Protection Agency — 2200 Churchill Road, Springfield, IL 62706

217/782-6762

FEBRUARY 08, 1985

APPLICATION RECEIVED: 12/31/84 — WASTE STREAM NUMBER: 841547

PERMIT NUMBER: 841547-0498100007 — PERMIT EXPIRES: 02/07/88

PERMIT ISSUED TO:

EDWARD J DIEBEL
PO BOX 703
EFFINGHAM, IL
62401

FRANK&MILDRED WENDT
RURAL ROUTE
TEUTOPOLIS, IL
62467

WASTE NAME: COOLANT FROM BURIED WASTE TANK

WASTE CLASSIFICATION: NON-HAZARDOUS NOT SUBJECT TO FEE

PERMIT TO RECEIVE THE INDICATED WASTE IS GRANTED.

THIS PERMIT IS GRANTED SUBJECT TO THE ATTACHED STANDARD CONDITIONS.

DISPOSAL SITE: DIEBEL, EDWARD J. #2 — IEPA SITE NO.: 0498100007

DISPOSITION OF WASTE:

BULK WASTE (SOLID, LIQUID, POWDER, OR SLUDGE) MIXED WITH DAILY RECEIPT OF REFUSE ABOVE GRADE (CODISPOSAL)

ATTENTION: MICKEY BORAH — IEPA GENERATOR NO.: 1918080002

WASTE GENERATOR: AIRTEX PRODUCTS
407 WEST MAIN STREET
FAIRFIELD, IL
62837

LWE:WRM

LAWRENCE R. EASTEP, P.E.

by Jay Clayton

PERMIT SECTION 2/13/85

DIVISION OF LAND POLLUTION CONTROL

CC: AIRTEX PRODUCTS
REGION: 5

ARDL inc. applied research & development laboratory

CHEMISTRY • BIOLOGY • PHYSIOLOGY
ENGINEERING • ENVIRONMENTAL ANALYSIS

Originator: Airtex Products
407 West Main Street
Fairfield, IL 62837

Attention: Mickey Borah

Date: 11/16/84
Type Sample: Wastewater
Date Received: 9/27/84
Collected By: Customer

Parameter	Original ARDL No:	Buried Waste Tank 102258-3		
pH (units)		9.1		
Total Solids (%)		1.46%		
Flashpoint (^{o}F)		> 200		
Total Alkalinity (mg/l)		1057		
Total Acidity (mg/l)		-		
Total Phenol (mg/l)		51		
Total Cyanide (mg/l)		0.028		
Reactive Cyanide (mg/l)		0.028		
Total Sulfide (mg/l)		149		
Reactive Sulfide (mg/l)		6		

Remarks:

Respectfully Submitted:

Ken Lee
Supervisor
Analytical Chemistry

UNITED INDUSTRIAL SYNDICATE /

AIRTEX PRODUCTS
Div. of United Industrial Syndicate, Inc.
IL0 001-662-816
FAIRFIELD, ILLINOIS 62837 • FAIRFIELD 842-2111
AREA CODE 618

MASTER DIVISION

(previously submitted)

Mr. Sheth
I.E.P.A. Permit Section
Springfield Illinois

April 29, 1983

Reference Permit #1983-EE-1055

Dear Mr. Sheth:

Attached you'll find a summary sheet showing the results of a four day monitoring of our raw waste water and the treated effluent. This is the first of the four day monitoring samples that we are required to take as specified in our permit #1982-EE-1055 dated October 7, 1982. We will be taking the second four day sample in May and will forward the results to you and to the Region Office in Marion.

This new treatment system was put into operation on February 16, 1983.

If there are any questions feel free to call.

Yours Truly,

Mickey Borah

Mickey Borah
General Plant Superintendent

4 DAY MONITORING RESULTS OF AIRTEX PRODUCTS WASTE WATER TREATMENT SYSTEM

Waste Treatment Permit #1982-EE-1055

	Raw Waste	Treated Effluent	Raw Waste	Treated Effluent	Raw Waste	Treated Effluent	Raw Waste	Treated Effluent	Raw 4 Day Average	Treated Raw 4 Day Average	City Sewer Ordinance Limits
	4/12/83	4/12/83	4/13/83	4/13/83	4/14/83	4/14/83	4/15/83	4/15/83	4/12-4/15	4/12-4/15	
Cadmium *	<0.01 mg/1	<0.01 mg/1	0.01 mg/1	0.01 mg/1	<0.01 mg/1	<0.01 mg/1	<0.01 mg/1	<0.01 mg/1	0.01 mg/1	0.01 mg/1	2.0 mg/1
Chromium (Tri)	<0.01 mg/1	0.15 mg/1	2.0 mg/1	0.15 mg/1	3.1 mg/1	0.15 mg/1	<0.01 mg/1	0.15 mg/1	1.28 mg/1	0.15 mg/1	10.0 mg/1
Chromium (Hex)	13. mg/1	<0.01 mg/1	30. mg/1	0.01 mg/1	3.4 mg/1	<0.01 mg/1	27. mg/1	<0.01 mg/1	18.35 mg/1	0.01 mg/1	5.0 mg/1
Chromium (Total)	13.01 mg/1	0.16 mg/1	32. mg/1	0.16 mg/1	6.5 mg/1	0.16 mg/1	27.01 mg/1	0.16 mg/1	19.63 mg/1	0.16 mg/1	15.0 mg/1
Copper *	0.04 mg/1	<0.01 mg/1	0.02 mg/1	0.02 mg/1	0.02 mg/1	<0.01 mg/1	0.04 mg/1	<0.01 mg/1	0.03 mg/1	0.012 mg/1	3.0 mg/1
Cyanide	<0.005 mg/1	0.006 mg/1	0.012 mg/1	0.005 mg/1	0.016 mg/1	<0.005 mg/1	0.050 mg/1	<0.005 mg/1	0.023 mg/1	0.0052 mg/1	2.0 mg/1
Iron	7.5 mg/1	0.48 mg/1	2.4 mg/1	0.42 mg/1	10. mg/1	0.23 mg/1	8.4 mg/1	0.26 mg/1	7.07 mg/1	0.34 mg/1	15.0 mg/1
Lead	0.22 mg/1	0.09 mg/1	0.22 mg/1	0.22 mg/1	0.22 mg/1	0.09 mg/1	0.22 mg/1	0.09 mg/1	0.22 mg/1	0.12 mg/1	0.1 mg/1
Nickel *	0.50 mg/1	0.09 mg/1	0.47 mg/1	0.12 mg/1	0.76 mg/1	0.12 mg/1	0.47 mg/1	0.12 mg/1	0.55 mg/1	0.112 mg/1	3.0 mg/1
Zinc *	19. mg/1	0.89 mg/1	6.5 mg/1	1.1 mg/1	33. mg/1	0.42 mg/1	29. mg/1	0.23 mg/1	21.8 mg/1	0.66 mg/1	2.0 mg/1
Flow	15 Gal Per Min	15 Gal Per Min	15 Gal Per Min	15 Gal Per Min	15 Gal Per Min	15 Gal Per Min	15 Gal Per Min	15 Gal Per Min	15 Gal Per Min	15 Gal Per Min	
P.H.	3.1	8.5	6.4	8.6	2.35	8.95	10.58	8.55	5.67	8.65	5.5 to 10.5
Total Metals*	19.55 mg/1	1. mg/1	7. mg/1	1.25 mg/1	33.79 mg/1	0.56 mg/1	29.52 mg/1	0.37 mg/1	22.39 mg/1	0.794 mg/1	

Flow - 15 Gal per min for 16 hours per day = 14,400 gal total flow per day.

#2. Storage Tank (Underground)

The underground storage tank is located on plant property. Enclosed is blueprint number TR 684023D showing location.

The capacity of the underground tank is 1500 gallons. It is used to store used coolant oil. This coolant oil is considered nonhazardous. A copy of the analysis of the used coolant oil and a copy of our Nonhazardous Special Waste Permit for coolant oil stored in this tank are enclosed.

Also, an underground storage tank (location shown in blueprint PL643) is used to store used cutting oil. This oil is sold to reclaimers.

Wastewater Treatment Units

Our Wastewater Treatment System is a 30 gallon per minute continuous flow treatment unit. This system is located in our Plating Department and treats all water from our Plating tanks before the water is discharged into the sanitary sewer.

Enclosed is a blueprint, PL643, showing the location of our Plating Department. A diagram of our Waste Treatment System (PL655) is enclosed. Also the results of two - four day monitoring analyses, both raw and treated effluent, are enclosed.

The Waste Treatment System is equipped with a filter press which removes the water from the Plating sludge after treatment. The water from the filter press is returned to the Treatment System. The solid waste is put into drums, sealed, identified, dated, and taken to our container storage area. Our permit number for the Wastewater Treatment System is 1982-EE-1055.

Waste Recycling Operations

Our dirty Trichloroethylene is reclaimed by running it through a Detrex Solvent Distillation Unit. The sludge from this unit is put into drums, sealed, identified, dated, and taken to our container storage area. The location of the Detrex unit is shown on print number TR 684023D.

IR EX PRODUCTS
Div. of United Industrial Syndicate, Inc.

FAIRFIELD, ILLINOIS 62837 • FAIRFIELD 842-2111
AREA CODE 618

MASTER M DIVISION

October 1, 1981

U.S. EPA Region V
RCRA Activities
P.O. Box 7861
Chicago, IL 60680

Attention: Y.J. Kim

Subject: Airtex Products
EPA #ILD001662816 ok Mon 12-10-81

We presently generate a waste from our Heat Treat Department which we had classified as F010 (quench bath sludge from heat treat) and F011 (heat treat waste sodium cyanide base). We had disposed of our heat treat waste through US Ecology Company.

In May of this year I received a notice from US Ecology that materials identified as F010 and F011 would no longer be acceptable due to the fact that they were identified as reactive.

I now understand that waste with less than 10% cyanide would be acceptable. However, due to the fact that our materials are listed as F010 and F011 they could not accept these.

Attached is a copy of the analyses covering both our solid waste, which we had identified as F011, and the quench bath waste, which is primarily liquid, identified as F010. You will note that the solid waste is less than .5% cyanide and the liquid waste is 7.8% cyanide.

On the basis of these analyses I would appreciate your advising if this material could not be re-classified in order to be disposed through a qualified landfill.

At this time we have approximately 70 barrels of these two materials and this has been an accumulation since April 7, 1981.

C.2 Compliance/
Enforcement

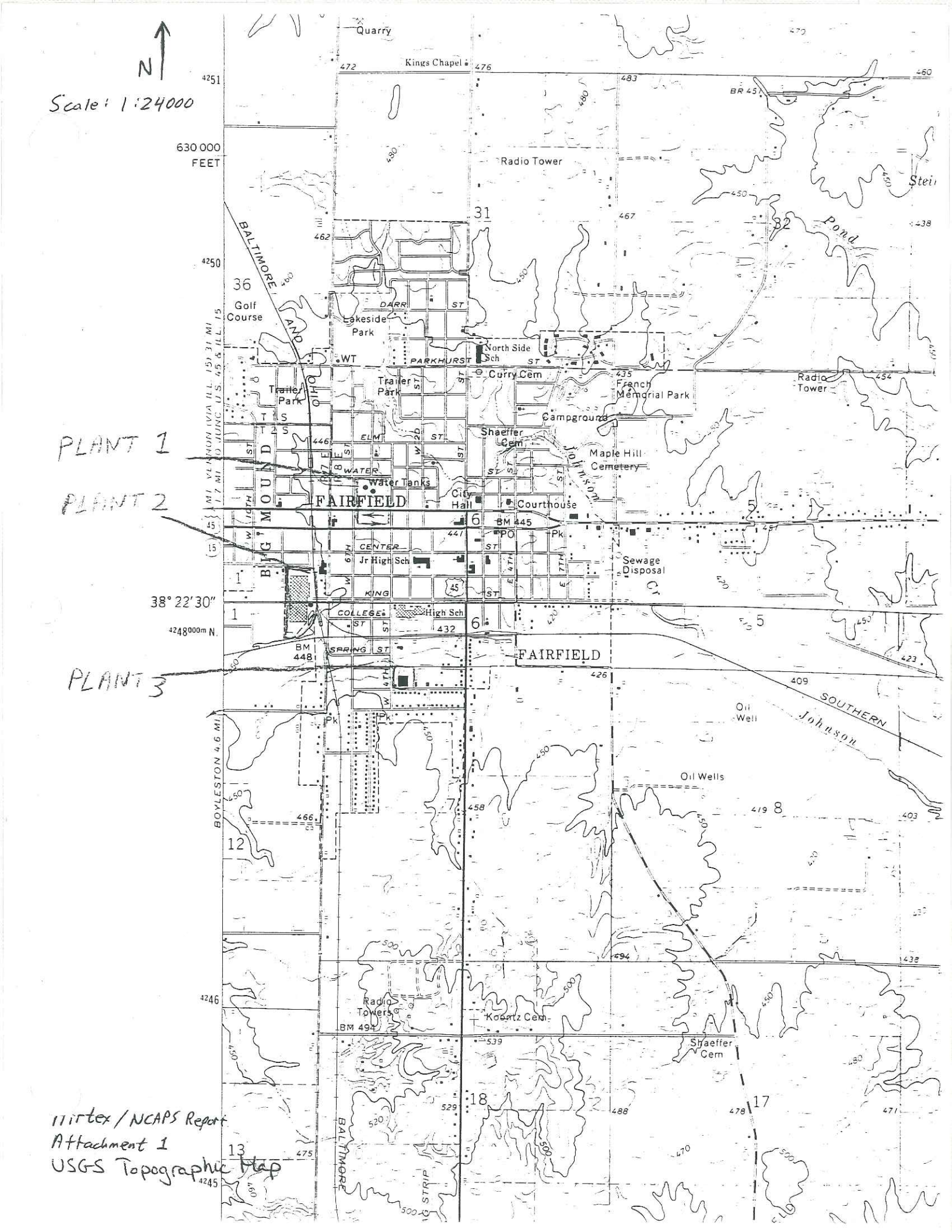
Attachments: 1. USGS Topographical Map
3 ~~2.~~ Facility Layout -- Plant 1 ← 2. SWMU Summary (2 pages)
4 ~~3.~~ Facility Layout -- Plant 2
5 ~~4.~~ Facility Layout -- Plant 3
6 ~~5.~~ Illinois Dept. of Transportation Map

Written by: _____

Signature/date: _____ _____

Approved by: James K. Moore 6/26/98

Signature/date: _____ _____



Mirtex / NCAPS Report
Attachment 1
USGS Topographic Map

TABLE 3

SWMU AND AOC SUMMARY

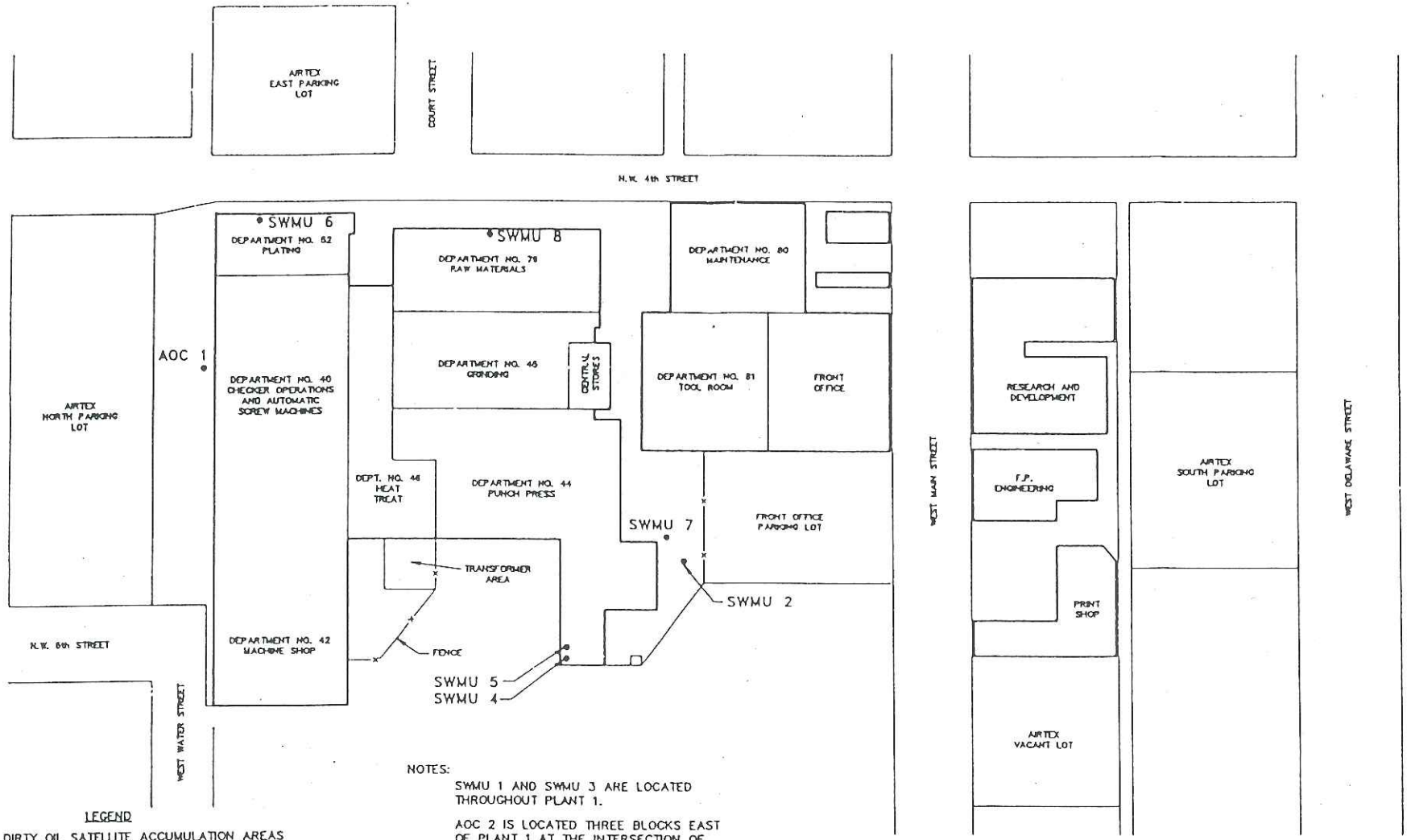
	SWMU	Dates of Operation	Evidence of Release	Recommended Further Action
1.	Dirty Oil SAAs	Before 1982 to present	Oil on floor throughout facility	Cleanup floors and institute better secondary containment systems on machinery
2.	Former Outdoor Waste Oil Storage Area	Unknown to 1990	None	None
3.	Metal Grit SAAs	1935 to present	Metal grit on floors near collection containers	Cleanup floors and institute better secondary containment systems on machinery
4.	Former Plant 1 RCRA Container Storage Area	Before 1980 to present; RCRA-closed in January 1986	Corrosion evident on concrete floor	Repair floor to ensure adequate secondary containment
5.	Plant 1 Cast Iron Boring Hopper Storage Area	1990 to present	None	None
6.	Plating Wastewater Pretreatment System	1983 to present	None	None
7.	Former Waste Oil Underground Storage Tanks	About 1971 to 1984 (Plant 2) and August 1988 (Plant 1)	None	None
8.	Waste Oil for Reclamation Storage Tanks	1990 to present	None	None
9.	Wastewater Evaporation System	1990 to present	None	None
10.	Hanchett Pit Wastewater Treatment System	1967 to present	None	The facility should inspect concrete sump to ensure integrity
11.	Former Plant 2 RCRA Container Storage Area	Unknown to present; hazardous waste storage from 1984 to 1987	None	The facility should inspect concrete sump to ensure integrity; complete RCRA-closure activities
12.	Former Waste TCE Distillation Unit	1984 to 1987	None	None
13.	Special Waste Collection Dumpster	1990 to present	Metal grit on building floor	Cleanup spills; institute better waste handling procedures; install concrete berm
14.	Plant 3 Waste Accumulation Areas	1989 to present	Waste lapping compound spilled on floor	Cleanup spills and institute better waste handling procedures

Airtex/NCAPS Report
Attachment 2 (1/2)
SWMU Summary

TABLE 3
SWMU AND AOC SUMMARY

AOC	Dates of Operation	Evidence of Release	Recommended Further Action
1. Former Fuel Oil Underground Storage Tank Area	1977 to June 1992	Staining around fill-pipe during removal and subsurface soil samples indicating contamination with various PAHs	Continue subsurface soil contamination investigation and implement additional sampling and corrective action as necessary as determined by IEPA
2. Former Plating Wastewater Discharge Area	Unknown	Discharge of untreated plating wastewater containing chromium, zinc, and cyanide	Soil sampling for metals and cyanide to determine if contamination exists

Airtex / NCAPS Report
Attachment 2 (2/2)
SWMU Summary



NOTES:

SWMU 1 AND SWMU 3 ARE LOCATED THROUGHOUT PLANT 1.

AOC 2 IS LOCATED THREE BLOCKS EAST OF PLANT 1 AT THE INTERSECTION OF COURT STREET AND UNION STREET.

LEGEND

SWMU 1	DIRTY OIL SATELLITE ACCUMULATION AREAS
SWMU 2	FORMER OUTDOOR WASTE OIL STORAGE AREA
SWMU 3	METAL GRIT SATELLITE ACCUMULATION AREAS
SWMU 4	FORMER PLANT 1 RCRA CONTAINER STORAGE AREA
SWMU 5	PLANT 1 CAST IRON BORING HOPPPER STORAGE AREA
SWMU 6	PLATING WASTEWATER PRETREATMENT SYSTEM
SWMU 7	FORMER WASTE OIL UNDERGROUND STORAGE TANK
SWMU 8	WASTE OIL FOR RECLAMATION STORAGE TANK
AOC 1	FORMER FUEL OIL UNDERGROUND STORAGE TANK AREA
AOC 2	FORMER PLATING WASTEWATER DISCHARGE AREA

SOURCE: MODIFIED FROM AIRTEX, 1993

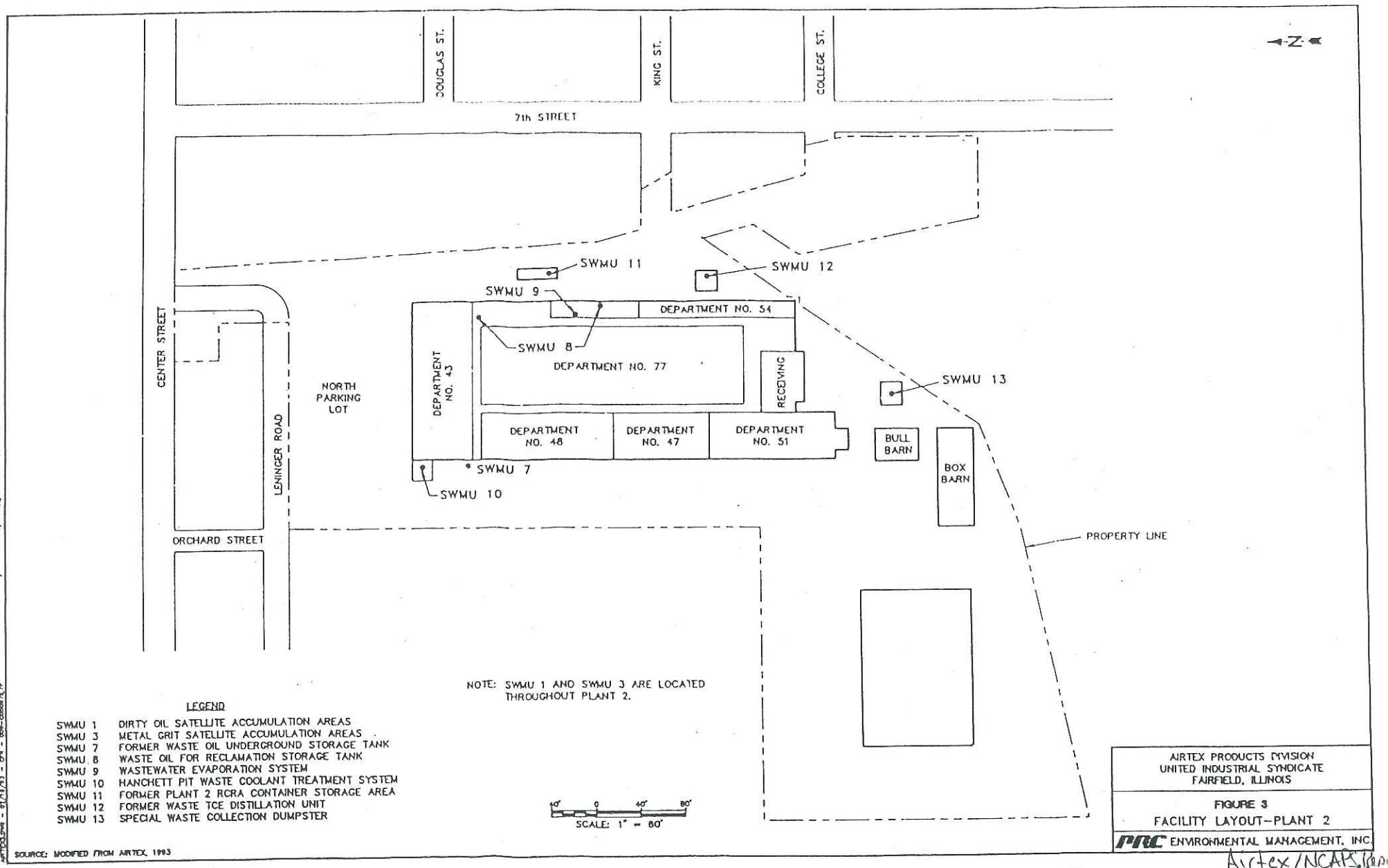
40' 0 40' 80'
SCALE: 1" = 80'

AIRTEX PRODUCTS DIVISION
UNITED INDUSTRIAL SYNDICATE
FAIRFIELD, ILLINOIS

FIGURE 2
FACILITY LAYOUT—PLANT 1

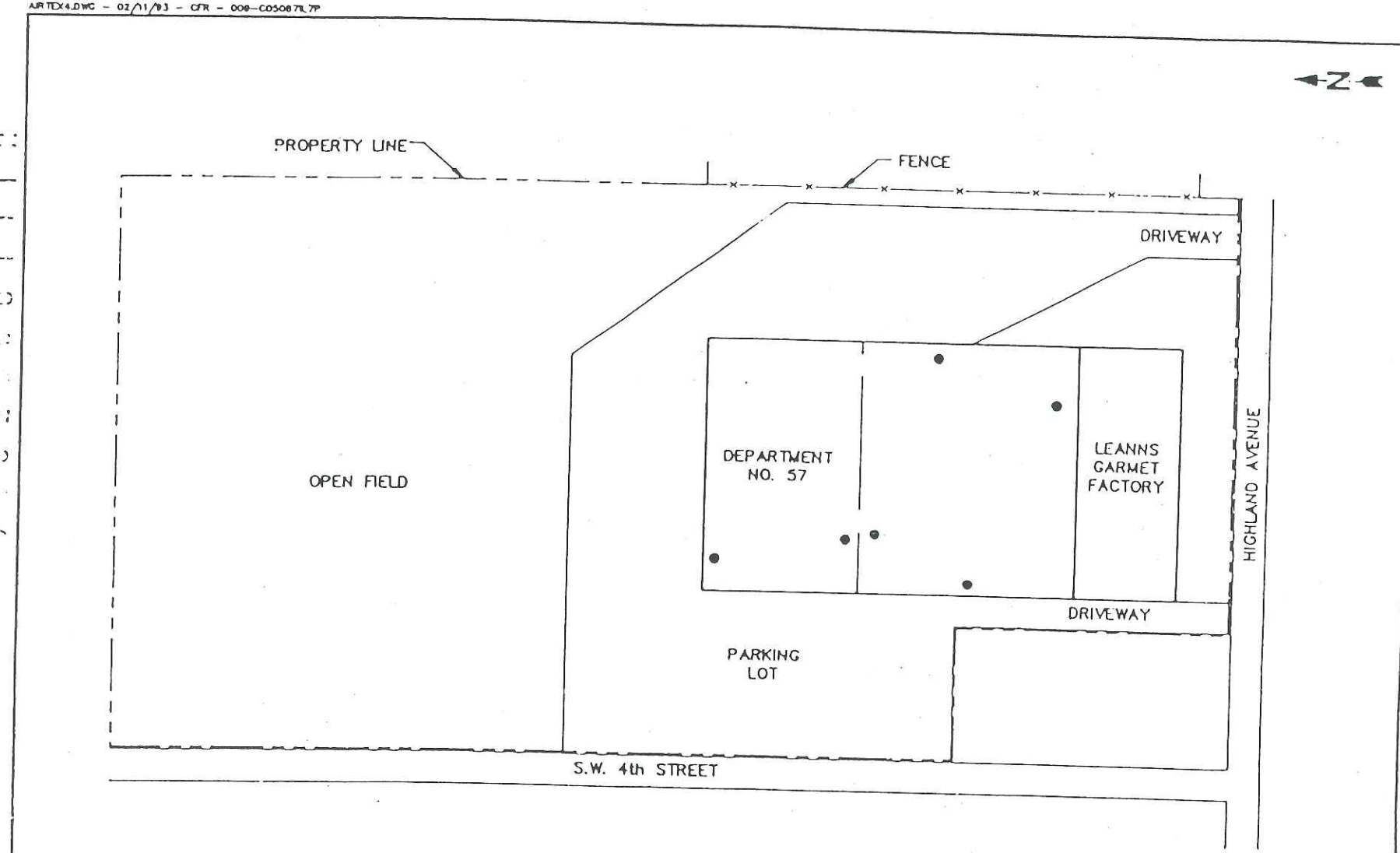
FRC ENVIRONMENTAL MANAGEMENT, IN

Airtex/NCAPS Report
Attachment 3 Plt 1 Layout



Airtex/NCAPS Appendix
Plt 2 Layout Attachment 4

AIRTEX4.DWG - 02/11/93 - CFR - 009-C0508TL7P



SOURCE: MODIFIED FROM AIRTEX, 1993

Airtex/NCAPS Report
Attachment 6 DH3 Layout

MAR 1 9 1990

5HR-12

Mr. Mickey Borah
Plant Supervisor
Airtex Products
407 West Main Street
Fairfield, Illinois 62837

Re: Land Disposal Restrictions
Airtex Products
ILD 001 662 816

Dear Mr. Borah:

On January 30, 1990, the Illinois Environmental Protection Agency (IEPA), representing the U.S. Environmental Protection Agency, conducted a Resource Conservation and Recovery Act (RCRA) inspection of the above-referenced facility. The purpose of the inspection was to determine the facility's compliance with the applicable hazardous waste management requirements of RCRA, including the Federal land disposal restrictions. The land disposal restrictions for F001-F005 spent solvents and dioxin-containing wastes became effective on November 8, 1986, for California List hazardous wastes on July 8, 1987, for the First Third of hazardous wastes on August 8, 1988, and for the Second Third of hazardous wastes on June 8, 1989, (40 CFR Part 268 and revisions to 40 CFR Parts 260-265 and 270-271).

With respect to the land disposal restrictions section of the inspection, your facility was found to be in compliance with the requirements. A copy of the inspection report is enclosed for your records.

If you have any questions regarding this correspondence, please contact Ms. Barbara Russell of my staff at (312) 353-7922.

Sincerely yours,

Paul E. Dimock, Chief
IL/MI/WI Enforcement Program Section

Enclosure

cc: Harry Chappel, IEPA-CMS
Glen Savage, IEPA-FOS
Dennis Brant, Airtex Products

5HR-12:B. RUSSELL:or:03/15/90:3-7925:DISK#3:PC FILENAME:Borah

OR 3/15/90

RCRA ENFORCEMENT	REB STAFF	REB SECTION CHIEF	REB CHIEF
INIT. DATE	BR 3/14/90	PED 3-16-90	

RCRA LAND DISPOSAL RESTRICTION INSPECTION

Facility: Airtex Products

U.S. EPA I.D. No. : ILD 001662816 / State # 1918080002 - Wayne County

Street: 407 west main street

City: Fairfield State: IL Zip: 62837

Telephone: 618 - 842 - 2111

Owner/Operator: Airtex Products Division of U.I.S.

Street: 407 w. main st.

City: Fairfield State: IL Zip: 62837

Telephone: 618-842-2111

Inspection Date: 1/30/90 Time: 1000 - 1355

Weather Conditions: Sunny 40's

	Name	Agency/Title	Telephone
Inspectors:	Tom Edmondson	IEPA/EPS	618-9974371
Facility Representative:	Mr. Mickey Borah	Plant Supv.	618-842-2111
	Mr. Dennis Brant	Dir. of Manf.	618-842-2111

	Generate	Transport	Treat	Store	Dispose
F-Solvent					
Dioxin					
California List					
First Third					
Second Third	X				

Revised 10-20-89

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY MEMORANDUM

DATE: February 1, 1990

O: Land Division File

FROM: Tom Edmondson TDE

SUBJECT: 1918080002 - Wayne County
Fairfield/Airtex Products
ILD001662816

An I.S.S. Inspection was conducted at this facility on January 30, 1990. I met with Mr. Mickey Borah (General Plant Superintendent) and Mr. Dennis Brant (Director of Manufacturing) of Airtex Products Division of U.I.S. This facility manufactures automobile parts, primarily water and fuel pumps. The industrial processes used includes stamping, casting, machining, polishing, plating, assembly and packaging. They produce nine wastes. They have one hazardous waste, wastewater plating bath sludge F006. This is sent to the Adams Center Landfill, 4636 Adams Center Road, Fort Wayne, Indiana, 46806. There are eight non-hazardous wastes and they are, Hanchett pit grit Plant #2, Grinding grit Plant #1, Blasting grit plant 2, waste water coolant plant 2, lapping compound waste, coolant tank waste department 43, and parts washer waste department 43, waste hydraulic oil. All of these wastes except for the waste oil go to the Effingham Landfill #33 in Effingham, Illinois. The waste oil goes to Consolidated Recycling, Troy, Indiana.

A review of the files and records was conducted. The last revision of the contingency plan was January 8, 1990. This facility's annual hazardous waste training was conducted on January 29, 1990. Everything seems to be in order. A tour of the facility was taken. The waste holding area is a fenced area within the plant building which is posted and kept locked. The operator inspection log and running inventory are kept at the holding area. Absorbent material, phone, fire extinguisher, and empty drums were all located within a few feet of the holding area. Nineteen drums of plating sludge were on site at this time and all were properly labeled and dated. Photos were taken at this site.

TE:jb/0867L/02-01-90

Chemical Waste Management, Inc.

GENERATOR'S WASTE MATERIAL PROFILE SHEET

PLEASE PRINT IN INK OR TYPE (Elite, 12-pitch).

RECEIVED BY [ ] DATE 2-28

[redacted]

COL E76726 [redacted]

Waste Profile Sheet Code

CWM Location of Original: _____ (SHADED AREAS FOR CWM USE ONLY) CWM Sales Rep. #: 114

A. GENERAL INFORMATION

1. Generator Name: Airtex Products 2. Generator USEPA ID: I L D 0 0 1 6 6 2 8 1 6
3. Facility Address: 407 West Main 4. Generator State ID: 1 9 1 8 0 8 0 0 0 2
Fairfield, IL 5. Zip Code: 62837
6. Technical Contact: Dennis Brant 7. Title: Director of Mfg. 8. Phone: (618) 842 - 2111

B. MAIL CHEMICAL WASTE MANAGEMENT, INC. INVOICES TO 1. ☒ Generating Facility (A, above), or
2. Company Name: _____ 3. Phone: ( ) _____ - _____
4. Address: _____
5. Zip Code: _____

C. 1. **NAME OF WASTE** Plating Sludge
2. **PROCESS GENERATING WASTE** Advance Waste Treatment System Plating Waste
3. Is this waste a Dioxin listed waste as defined in 40 CFR 261.31 (e.g., F020, F021, F022, F023, F026, F027, or F028)?
☐ Yes ☒ No If yes, **DO NOT COMPLETE** this form. Contact your Chemical Waste Management, Inc. sales representative for assistance.

D. PHYSICAL CHARACTERISTICS OF WASTE

1. Color:	2. Does the waste have a strong incidental odor?	3. Physical State @ 70°F:	4. Layers:	5. Specific Gravity:	6. Free Liquids:
Brown	☒ No ☐ Yes If known, describe:	☒ Solid ☐ Semi-Solid ☐ Liquid ☐ Powder Other:	☐ Multilayered ☐ Bi-layered ☒ Single Phased	≥1.00 # Range: 79 lbs./F+3	☐ Yes ☒ No Volume: %

7. pH: ☐ ≤ 2 ☐ > 2-4 ☐ 4-7 ☐ 7 ☒ 7-10 ☐ 10- <12.5 ☐ ≥ 12.5 ☐ Range _____ - _____ ☐ NA

8. Liquid Flash Point: ☐ < 73°F ☐ 73-99°F ☐ 100-139°F ☐ 140-199°F ☒ ≥ 200°F ☐ None ☐ Closed Cup ☐ Open Cup

E. CHEMICAL COMPOSITION

1.	RANGE MIN. - MAX.	
Treating Tank Sediments	99 - 100	%
	-	%
Oil and Grease	0 - 1	%
	-	%
	-	%
	-	%
	-	%
	-	%
	-	%
	-	%
	-	%
	-	%

Please note: The chemical composition total in the maximum column must be greater than or equal to 100%. TOTAL: ~~100~~ 101 %

2. Indicate if this waste contains any of the following:

	NONE	or LESS THAN	or ACTUAL
PCB's	☐	☐ < 50 ppm	N/A ppm
Cyanides	☐	☐ < 50 ppm	<0.6 ppm
Phenolics	☐	☐ < 50 ppm	<0.48 ppm
Sulfides	☐	☐ < 50 ppm	<1.0 ppm

F. METALS Indicate if this waste contains any of the following:
1. ~~TCLP TCLP~~ or ☒ 2. ☒ Total

METAL	LESS THAN	or	ACTUAL (Parts Per Million)
Arsenic	☐ < 5	☐ < 500	<16
Barium	☐ < 100		17
Cadmium	☐ < 1	☐ < 100	<0.91
Chromium	☐ < 5		<0.1
Lead	☐ < 5	☐ < 500	3.9
Mercury	☐ < 0.2	☐ < 20	0.12
Selenium	☐ < 1	☐ < 100	<0.54
Silver	☐ < 5		<1.7
Chromium-Hex	☐ < 5	☐ < 500	<0.1
Copper	☐ < 5		23
Nickel	☐ < 5	☐ < 134	3.7
Thallium	☐ < 5	☐ < 130	<0.72
Zinc	☐ < 5		N/A
	☐ <		
	☐ <		
	☐ <		

* Per Dennis Brant

GENERATOR'S WASTE MATERIAL PROFILE SHEET (Continued)

COL E76726 [redacted]

Waste Profile Sheet Code

[redacted]

G. OTHER HAZARDOUS CHARACTERISTICS

1. Is this waste a listed solvent waste as defined by 40 CFR 261.31 (F001, F002, F003, F004, or F005)? ☐ Yes ☒ No
2. Does this waste contain greater than 1000 ppm total halogenated organic compounds? ☐ Yes ☒ No
3. Indicate if this waste is any of the following:
   - ☐ RCRA Reactive
   - ☐ Water Reactive
   - ☐ Explosive
   - ☐ Shock Sensitive
   - ☐ Pyrophoric
   - ☐ Radioactive
   - ☐ Etiological
   - ☐ Pesticide Manufacturing Waste
   - ☐ Other _____
   - ☒ None of the above

H. COMPLETE ONLY FOR WASTES INTENDED FOR FUELS or INCINERATION

	LESS THAN or	ACTUAL
Beryllium	☐ < 5000 ppm	_____ ppm
Potassium	☐ < 5000 ppm	_____ ppm
Sodium	☐ < 5000 ppm	_____ ppm
Total Bromine	☐ < 2 %	_____ %
Total Chlorine	☐ < 35 %	_____ %
Total Fluorine	☐ < 1 %	_____ %
Total Sulfur		_____ %

I. OPTIONAL — RECLAMATION, FUELS, OR INCINERATION PARAMETERS Provide if information is available.

Range

1. Heat Value (BTU/lb): _____ - _____ 2. Water: _____ %
3. Viscosity (cps): _____ @ ☐ _____ °F ☐ 100°F ☐ 150°F
4. Ash: _____ % 5. Settleable solids: _____ %
6. Vapor Pressure @ STP (mm/Hg): _____
7. Is this waste a pumpable liquid? ☐ Yes ☐ No
   Type of pump? _____
8. Can this waste be heated to improve flow? ☐ Yes ☐ No
9. Is this waste soluble in water? ☐ Yes ☐ No
10. Particle size: Will the solid portion of this waste pass through a 1/8 inch screen? ☐ Yes ☐ No

J. TRANSPORTATION INFORMATION

1. Is this a DOT Hazardous Material? ☒ Yes ☐ No 2. Anticipated Annual Volume/Units: 7700 gal. /160 barrels
3. Proper Shipping Name: RQ Hazardous Waste Solid N.O.S.
4. Hazard Class: ORM-E 5. I.D. #: ~~RA9189~~ NA9189 *
6. Additional Description: (F006 *)
7. Method of Shipment: ☐ Bulk Liquid ☐ Bulk Solid ☒ Drum (Type/Size): DOT 17 H/ 55 gal. Other: _____
8. CERCLA Reportable Quantity (RQ): 1 (#) 9. RQ Units (lb/kg): lbs (#)
10. USEPA Hazardous Waste? ☒ Yes ☐ No 11. USEPA Hazardous Waste Number(s): ~~R006~~ F006 *
12. State Hazardous Waste? ☒ Yes ☐ No 13. State Hazardous Waste Number(s): F006 *

K. SPECIAL HANDLING INFORMATION

* Per Dennis Brant 3-1-89 MH

(#) Per Dennis Brant 3-27-89 MH

☐ Additional Page(s) Attached

L. GENERATOR CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste material, and all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.

1. Dennis Brant — Signature
2. Director of Manufacturing — Title
3. Dennis Brant — Name (Type or Print)
4. February 27, 1989 — Date

Side 2 of 2

LABORATORY REPORT

ARDL, Inc.
Applied Research and Development Laboratory

ARDL Number - 108490

Date - 03/14/89

Customer - Airtex Products
407 W. Main
Fairfield, IL 62837

Type Sample - Plat Sldg
Date Received - 03/02/89
Hour Received - 1200

Attention - Mickey Borah
Collected by - Customer

Sampling Point -Plating
Date - n/a Hour - n/a

ARDL Sample Number - 01

Customer Number - #1

Parameter	Results
Barium (TCLP)	0.08 mg/l
Total Chromium (TCLP)	0.09 mg/l
Lead (TCLP)	<0.002 mg/l
Mercury (TCLP)	<0.0002 mg/l
Nickel (TCLP)	<0.03 mg/l
Zinc (TCLP)	0.06 mg/l
Copper (TCLP)	0.03 mg/l

NOTE: ARDL previously analyzed sample(Invoice # 208362)for total metals and found no As, Cd, Se, Ag, and Tl, therefore these metals were not analyzed using the TCLP extract.

Respectfully submitted: D.J. Gillespie

D.J. Gillespie
Technical Services Manager

P.O.Box 1566 1801 Forest Mt.Vernon, Illinois 62864 (618)244-3235
"Test everything. Keep the good." 1 Thes. 5:21

"HARD-HAMMER" WASTES * Copy

LAND DISPOSAL RESTRICTIONS NOTIFICATION AND CERTIFICATION FORM

Generator Name: Airtex Products Manifest Number: INA 0348133

EPA Hazardous Waste Code(s): F006 CWM Profile Number: COL E76726 ACL

This form is submitted to Chemical Waste Management of IN in accordance with 40 CFR Part 268, which restricts the land disposal of certain hazardous wastes. I have marked the appropriate box below to indicate how my waste must be managed to conform to the land disposal restrictions. For any waste(s) that meets part of the treatment standard and requires additional treatment, you must mark (1) box A (the waste requires treatment) and (2) box B.1, or B.2, or D (the waste satisfies part of the treatment standards).

☐ **A. RESTRICTED WASTE REQUIRES TREATMENT**

I am the initial generator of a restricted waste (i.e. solvent/dioxin, California List, or scheduled waste) which must be treated to the applicable treatment standard set forth in 40 CFR Part 268 Subpart D and all applicable prohibition set forth in 40 CFR 268.32 or RCRA Section 3004(d) prior to land disposal. This requirement applies to EPA hazardous waste code(s)_____.

☐ **B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS**

The EPA hazardous waste code(s) _____ has been treated in compliance with the applicable performance standards specified in 40 CFR Part 268 Subpart D. Supporting data is available to be provided as requested by the receiving facility.

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

☐ **B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSEDAS A SPECIFIED TECHNOLOGY**

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment." This treatment has been performed for EPA hazardous waste code(s)_____.

☐ **C. RESTRICTED WASTE SUBJECT TO A VARIANCE**

The waste identified above is subject to a national capacity variance, a treatability variance, or a case-by-case extension which expires on _____. This variance applies to EPA hazardous waste code(s) _____. If disposal occurs in a landfill or surface impoundment, the unit must meet the minium technological requirements. (Note: Wastes destined for deep well injection are subject to a separate set of variances. See instructions or 40 CFR Part 148.)

☒ **D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT**

I am the initial generator of the following EPA hazardous waste code(s) F006. I have determined that the waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore can be land disposed without further treatment.

"I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment."

I hereby certify that all information submitted in this and all associated documents is complete and accurate to the best of my knowledge and information.

Signature Dennis Brant Title Director of Manufacturing Date 11/29/89

*A WASTE FOR WHICH TREATMENT STANDARDS HAVE BEEN SET

July 1989

RCRA LAND DISPOSAL RESTRICTION INSPECTION

WASTE IDENTIFICATION

1. Does the facility handle the following wastes?

   a. F001 through F005 spent solvents

      Yes ___ No X List* _____

   b. Dioxin-containing Wastes

      Yes ___ No X List* _____

   c. California List Wastes

      Yes ___ No X List* _____

   d. First and Second Third Wastes

      Yes X No ___ List* F006

   * List wastes if room allows or attach Appendix A.

   Note: Please be aware of potential misclassification of wastes (i.e., California list/"soft hammer"/characteristic waste applicabilities).

2. Does the facility handle the following wastes (national capacity variances)?

   a. F001 - F005 contaminated soil or debris resulting from a CERCLA response action or RCRA corrective action (effective date -- 11/08/90).

      Yes ___ No X Comments _____

   b. Dioxin contaminated soil and debris resulting from a CERCLA response action or a RCRA corrective action (effective date — 11/08/90).

      Yes ___ No X Comments _____

   c. California list contaminated soil or debris resulting from a CERCLA response action or a RCRA corrective action (effective date -- 11/08/90).

      Yes ___ No X Comments _____

d. First Third wastes with the following waste codes: K048, K049, K050, K051, K052, or K071 (effective date - 08/08/90).

Yes ___ No X Comments _____

e. First Third contaminated soil and debris which have a treatment standard based on incineration - K016, K018, K019, K020, K022, K024, K030, K037, K048-K052, K086, K087, K101, K102, K103, and K104 (effective date — 08/08/90).

Yes ___ No Y Comments _____

f. Second Third contaminated soil and debris which have a treatment standard based on incineration - F010, F024, K009, K010, K011, K013, K014, K023, K027, K028, K029, K038, K039, K040, K043, K093, K094, K095, K096, K113, K114, K115, K116, P039, P040, P041, P043, P044, P062, P071, P085, P089, P094, P097, P109, P111, U028, U058, U069, U087, U088, U102, U107, U109, U221, U223, U235 (effective date — 06/08/91).

Yes ___ No Y Comments _____

RCRA LAND DISPOSAL RESTRICTION INSPECTION

GENERATOR CHECKLIST

GENERATOR REQUIREMENTS

A. Treatability Group - Treatment Standards Identification

1. F-Solvent Wastes: Does the generator correctly determine the appropriate treatability group of the waste?

   Yes ___ No ___ NA Y

   If yes, check the appropriate treatability group.

   ___ Wastewaters containing solvents (less than or equal to 1% total organic carbon (TOC) by weight)
   ___ All other spent solvent wastes

2. First and Second Third Wastes: Does the generator correctly determine the appropriate treatability group of the waste?

   Yes X No ___ NA ___

   If yes, list the waste code and check the correct treatability group.

Waste Code	Wastewater*	Non-wastewater
F006		Plat. Sldg.

   * Less than 1% TOC by weight and less than 1% filterable solids.

3. California List Wastes: Has the generator correctly identified the required treatment technology [268.42]?

   a. For liquid hazardous waste that contains PCBs at concentrations greater than or equal to 50 but less 500 ppm, is the treatment in accordance with existing TSCA thermal treatment regulations for burning in high efficiency boilers (40 CFR 761.60) or incineration (40 CFR 761.70)?

      Yes ___ No ___ NA X

      If yes, specify the method: _____

b. For liquid hazardous waste that contains PCBs at concentrations greater than or equal to 500 ppm, is the waste incinerated [40 CFR 761.70] or disposed of by other approved alternate methods [40 CFR 761.60(e)]?

Yes ___ No ___ NA X

If an alternative method is used, specify the method and state whether the facility has received approval from the Regional Administrator or Director, Exposure Evaluation Division, for an exemption from the incineration requirement:

_____

_____

_____

c. For hazardous waste that contains halogenated organic compounds (HOCs) in total concentrations greater than or equal to 1,000 mg/L or 1,000 mg/Kg (except dilute HOC wastewater), is the waste incinerated in accordance with existing requirements of 40 CFR Part 264 Subpart O or 40 CFR Part 265 Subpart O?

Yes ___ No ___ NA X

4. Does the generator mix restricted wastes with different treatment standards?

Yes ___ No X Comments _____

If yes, did the generator select the most stringent treatment standards (268.41(b), 268.43(b))?

Yes ___ No ___ Comments _____

B. Waste Analysis

1. Does the generator determine whether the restricted waste exceeds treatment standards or prohibition levels at the point of generation by:

- Knowledge of waste Yes X No ___

List the wastes for which "applied knowledge" was used and describe the basis of the applied knowledge determination.

_____

_____

Was all supporting data retained on-site, [268.7(a)(5)]?

Yes X No ___

- TCLP Yes X No ___ NA ___

List the wastes for which TCLP was used and provide the date of last test, the frequency of testing, and note any problems. Attach test results.

F006 - 3-14-89

- Total constituent analysis Yes ___ No X NA ___

List the wastes for which total constituent analysis was used and provide the date of last test, the frequency of testing, and note any problems. Attach test results.

- pH ≤ 2 Yes ___ No X NA ___

List the wastes for which pH testing was used.

- Paint Filter Liquid Test Yes ___ No X NA ___

List the wastes for which PFLT was used.

2. Does the facility dilute the restricted waste as a substitute for adequate treatment [268.3]?

Yes ___ No X NA ___

C. Management

1. On-Site Management

Is restricted waste treated, stored for greater than 90 days, or disposed on-site?

Yes ___ No X Comments ___

If yes, the TSD Checklist must be completed.

2. Off-Site Management

a. Does the generator ship any waste that exceeds the treatment standards to an off-site treatment or storage facility?

Yes ___ No X (If no, go to b)

If yes, identify waste code and off-site treatment or storage facilities:

Waste Code	Facilities	Treat/Store

- Does the generator provide notification to the treatment or storage facility [268.7(a)(1)]?

Yes ___ No ___

- Does notification contain the following?

EPA Hazardous waste number(s) Yes ___ No ___

Applicable treatment standards and prohibition levels Yes ___ No ___

Manifest number Yes ___ No ___

Waste analysis data, if available Yes ___ No ___

b. Does the facility ship any waste that meets the treatment standards to an off-site disposal facility?

Yes X No ___ (If no, go to c)

If yes, identify waste code and off-site disposal facilities:

Waste Code	Facility
F006	CWM - 4636 Adams Rd. Fort Wayne In.

- Does the facility provide notification and certification to the disposal facility [268.7(a)(2)]?

  Yes X No ___

- Does notification contain the following?

  EPA Hazardous waste number(s) Yes X No ___

  Applicable treatment standards and prohibition levels Yes X No ___

  Manifest number Yes X No ___

  Waste analysis data, if available Yes X No ___

  Certification that the waste meets treatment standards [wording in 268.7(a)(2)(ii)] Yes X No ___

c. Is the waste subject to a nationwide variance, case-by-case extension (268.5), or no migration petition (268.6).

  Yes ___ No X (If no, go to d)

- If yes, does the generator provide notification to the off-site receiving facility that the waste is not prohibited from land disposal [268.7(a)(3)]?

  Yes ___ No ___

- Does the notification contain the following information?

  EPA hazardous waste number Yes ___ No ___

  The corresponding treatment standards and all applicable prohibitions Yes ___ No ___

  Manifest number Yes ___ No ___

  Waste analysis data, if available Yes ___ No ___

  Date the waste is subject to the prohibitions Yes ___ No ___

d. Does the facility generate any First or Second Third "soft hammer" waste?

  Yes ___ No ___ (If no, go to 4)

- Does the generator provide the following notification to the receiving facility with each shipment of waste [268.7(a)(4)]?

(i)	EPA hazardous waste number	Yes ___	No ___
(ii)	Applicable prohibition [268.33(f), 268.34(h)]	Yes ___	No ___
(iii)	Manifest number	Yes ___	No ___
(iv)	Waste analysis data, if available	Yes ___	No ___

3. "Soft Hammer" Demonstrations/Certifications

a. Are any "soft hammer" wastes or treatment residues destined for ultimate disposal in a landfill or surface impoundment?

Yes ___ No ___

b. Has the generator attempted to locate and contract with treatment and recovery facilities that provide treatment that yields the greatest environmental benefit [268.8(a)(1)]?

Yes ___ No ___

c. Has the generator submitted a demonstration and certification to the Regional Administrator to document its efforts to locate practically available treatment [268.8(a)(2)]?

Yes ___ No ___

- If yes, did the generator submit the documentation and certification prior to first shipment?

Yes ___ No ___

d. Does the demonstration contain the following information?

A list of facilities and facility officials contacted?	Yes ___	No ___
Addresses	Yes ___	No ___
Telephone numbers	Yes ___	No ___
Contact dates	Yes ___	No ___
Certification statement	Yes ___	No ___

Attach a copy of the demonstration and certification.

e. If there is no practically available treatment, has the generator included with the demonstration, a written discussion of why the generator was not able to obtain treatment or recovery for that waste [268.8(a)(2)(i)]?

Yes ___ No ___ NA ___

If yes, attach a copy of written discussion.

f. Does the generator ship its "soft hammer" waste off-site for treatment?

Yes ___ No ___

Describe the type of treatment and treatment facilities:

Waste Code	Type of Treatment	Treatment Facility

g. Did the generator send a copy of its demonstration and certification to the receiving facility with the first shipment of waste?

Yes ___ No ___

h. Does the generator provide certification with each subsequent shipment of wastes to receiving facilities?

Yes ___ No ___ NA ___

4. Records Retention

Does the facility retain on-site copies of all notifications, demonstrations, and certifications for a period of 5 years [268.7(a)(6)]?

Yes X No ___ Comments _____

D. RCRA Corrective Action and CERCLA Response Action Waste

1. Has the facility disposed of contaminated soil and debris from a RCRA corrective action or a CERCLA response action in a landfill or surface impoundment?

Yes ___ No X Comments _____

2. Did the unit meet the minimum technology requirements (double liner, leachate collection system, and ground-water monitoring)?

Yes ___ No ___ NA X Comments _____

E. Treatment Using RCRA 264/265 Exempt Units or Processes

1. Is waste treated in RCRA 264/265 exempt units (i.e., boilers, furnaces, distillation units, wastewater treatment tanks, elementary neutralization, etc.)?

Yes ___ No X

List types of waste treatment units and processes:

Waste Code	Type of Treatment	Treatment Units and Processes

2. Are treatment residuals generated from these units?

Yes ___ No X Comments _____

If yes, the residues are subject to the LDR generator requirements.

3. Are these residuals further treated, stored for greater than 90 days, or disposed on-site?

Yes ___ No ___ NA X Comments _____

If yes, the TSD checklist must be completed.

5HE-12

0 4 FEB 1988

Mr. Dennis Brant
United Ind Syndicate
Airtex Product Division
407 W. Main St.
Fairfield, Illinois 62837

Re: Land Disposal Restrictions
United Ind Syndicate
Airtex Product Division
ILD 001 662 816

Dear Mr. Brant:

On June 18, 1987, the Illinois Environmental Protection Agency (IEPA), representing the U.S. Environmental Protection Agency (U.S. EPA), conducted a Resource Conservation and Recovery Act (RCRA) inspection of the above-referenced facility. The purpose of the inspection was to determine the compliance status of your facility with respect to the applicable hazardous waste management requirements of RCRA, including the Land Disposal Restrictions of certain spent solvents. The land disposal restrictions became effective on November 8, 1986, (reference 51 Federal Register 40636: 40 CFR Part 268, and revisions to 40 CFR Parts 260-265 and 270).

As a result of the LDR portion of the inspection, your facility was found to be a non-generator of restricted hazardous waste. The LDR requirements do not apply to your facility at this time. A copy of the inspection report is enclosed for your records.

If you have any questions regarding this correspondence, please contact Gertrud Matuschkovitz of my staff at (312) 353-7921.

Sincerely yours,

ORIGINAL SIGNED BY
WILLIAM E. MUNO

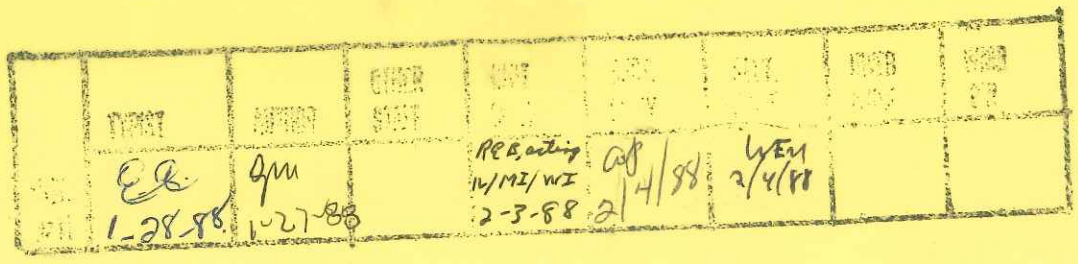
William E. Muno, Chief
RCRA Enforcement Branch

Enclosure

cc: Harry Chappel, IEPA
Glenn Savage, IEPA

bcc: Paul Dimock

5HE-12GMATUSCHKOVITZ:eaa:1/22/88: DISK #1



5HE-12

0 4 FEB 1988

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Airtex Product Division
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Sincerely yours,

ORIGINAL SIGNED BY
WILLIAM E. MUNO

William E. Muno, Chief
RCRA Enforcement Branch

Enclosure

cc: Harry Chappel, IEPA
Glenn Savage, IEPA

bcc: Paul Dimock

5HE-12:GMATUSCHKOVITZ:ea:1/22/88: DISK #1

HAZARDOUS WASTE COMPLIANCE AND ENFORCEMENT LOG

TYPE OF FORM (NEW OR UPDATE): NEW (1. UPDATE 2. UPDATE 3. UPDATE 4. UPDATE 5. UPDATE 6. UPDATE)

1. U.S. EPA NO.	2. FACILITY NAME	4. HANDLER TYPE	5. DATE OF EVALUATION
ILDG01662816	U.I.S. - AIRTEX PRODUCTS	✓ MAJOR	Which is basis of this report.
STATE ID NO.	3. CITY	___ NON - MAJOR	09 (M) 06 (D) 85 (Y)
1918080002	FAIRFIELD		

9. COMMENTS:
Limit to 80 characters: CLOSED IAW APPROVED PLAN

6. TYPE OF EVALUATION (check one box only)
- 1 Evaluation Inspection
- 2 Sampling Inspection
- 3 Record Review
- 4 Groundwater Evaluation
- 5 Followup Inspection
- 6 Citizen Complaint
- 7 Part B Call-In
- 8 Withdrawal
- ✓ 9 Closed Facility
- 0 Other CLOSURE

7. DATE OF EVALUATION IN 6 IF EVALUATION FOLLOWS AN INITIAL EVALUATION (EITHER BLANK OR DIFFERENT FROM THE DATE IN 5)
(M) (D) (Y)

FOR IEPA USE ONLY 12. ✓

8. AREA & CLASS OF VIOLATION (enter number of violations by area and class). If no violation(s) enter a zero in the box(es)	CLASS OF VIOLATION	GWM	CL/PC	FIN/RESP	PT B	CMPL/SCH	Manifest	Other	RESP Agency	Free Fields 2	Free Fields 3
	I										
	II										

10. ENFORCEMENT ACTION (Listing must include class I violations)
If there are only class II or III, enter the enforcement action for output tracking purposes.

VIOLATION Class (if not I)	VIOLATION AREA	TYPE OF ACTION (enter code)	DATE OF ACTION	COMPLIANCE DATE schedule	COMPLIANCE DATE actual	STATUS code	STATUS date	PENALTY (if any) assessed	PENALTY (if any) collected	RESP AGENCY	FREE FIELDS 1	FREE FIELDS 2

11. COMMENTS:
Limit to 80 characters:

NOTIFIED AS:

REGULATED AS:

COMMENTS:

1-10-86

ILLINOIS EPA
Environmental Protection Agency
113 W. Main Street Collinsville, IL. 62234

618/345-4606

Refer to: Wayne County - LPC 191 808 02 - Fairfield/Airtex Industries
ILD001662816

February 5, 1982

Airtex Product Division
407 West Main
Fairfield, Illinois 62837

ATTN: Mr. Roy Duke

Dear Mr. Duke:

On September 24, 1981, a representative of the Illinois Environmental Protection Agency (IEPA) conducted an inspection of Airtex Industries in Fairfield, Illinois. This inspection was conducted by the Illinois Environmental Protection Agency under a Cooperative Arrangement with, and authorization of, the United States Environmental Protection Agency (USEPA). The purpose of the inspection was to determine your facility's compliance status with the Resource Conservation and Recovery Act (RCRA) of 1976, P.L. 94-580, as amended. During the inspection the following deficiencies were observed:

The owner/operator is required to develop and follow a written waste analysis plan pursuant to 40 CFR 265.13(b). The owner/operator was not able to provide such plan at the time of the inspection as required by 40 CFR 265.13(b).

Pursuant to 40 CFR 265.15(b) the owner/operator is to establish and maintain inspection records and schedules which detail records of malfunctions, operator errors, discharges, safety and emergency equipment, security devices, and operating and structural devices. Your facility is deficient in that no such record has been implemented.

Pursuant to 40 CFR 265.16, the owner/operator is required to establish and maintain records relating to the training of personnel involved in hazardous waste management, including a description of the job title for each position at the site, a written job description, a description of training and records detailing the training given to each such individual. The owner/operator is deficient in that no training records were available.

ILLINOIS
Environmental Protection Agency
1173 W. Main Street Collinsville, IL. 62234

618/345-4606

Refer to: Wayne County - LPC 191 808 02 - Fairfield/Airtex Industries
ILD0016628l6

February 5, 1982

Airtex Product Division
407 West Main
Fairfield, Illinois 62837

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Pursuant to 40 CFR 265.17, the owner/operator is required to take precautions with respect to ignitable, reactive or incompatible wastes, by providing for special handling and "No Smoking" signs in appropriate areas. The owner/operator is deficient in that "No Smoking" signs were not present at the storage area.

Pursuant to 40 CFR 265.33 the owner/operator must provide, where required, testing and maintenance of facility communications and alarm systems and emergency equipment. Your facility is deficient in that no maintenance schedule was available for review.

The owner/operator must have a contingency plan at the facility. The contingency plan must address the actions to be taken by facility personnel in response to fires, explosions, or any unplanned release of hazardous waste or hazardous constituents to the environment. The plan must describe the arrangements agreed to by local police, fire departments, hospitals, and emergency response teams. The names, addresses, and phone numbers of all persons qualified to act as emergency coordinators must be included in the plan. The contingency plan must list all emergency equipment at the facility, including the location, a physical description, and a brief summary of the capabilities of each item on the list. In facilities where evacuation could be necessary, a plan describing evacuation routes and signals used to begin evacuation must be included in the contingency plan. These requirements are pursuant to 40 CFR Part 265 Subpart D. Your facility is deficient in that no contingency plan has been drawn up or emergency coordinator designated.

Facilities that store containers of hazardous waste must use nonleaking containers in good condition and containers that are compatible with the wastes in them. The containers must be stored, closed and handled so as to not cause ruptures or leaks. Containers must be inspected at least weekly. Containers holding ignitable or reactive waste must be at least 50 feet from the facility property line. These requirements are pursuant to 40 CFR Part 265 Subpart I. Your facility is deficient in that weekly inspections have not been documented.

Pursuant to 40 CFR 265.73 the owner/operator must keep a written operating record at the facility. The operating record must include the following:

1) A description and the quantity of each hazardous waste received and the method(s) and date(s) of its treatment, storage, or disposal at the facility as required by Appendix I.

2) The location and quantity of each hazardous waste within the facility including cross-references to specific manifest document numbers.

3) Records and results of waste analyses and trial tests.

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3) Records and results of waste analyses and trial tests.

4) Summary reports and details of all incidents that require implementation of the contingency plan.

5) Records and results of inspection.

6) Monitoring and testing data.

7) All closure cost estimates and for disposal facilities all post-closure cost estimates.

Your facility is deficient in that no written record was available.

Your are hereby requested to submit to this office, within 15 days of receipt of this letter, a description of steps taken to correct the above deficiencies. Failure to correct these deficiencies may result in enforcement actions initiated by USEPA pursuant to 40 USC 6928. Please send your reply to the above address. Should you have any questions concerning this matter, please contact Diane M. Spencer of my staff at the above number.

Sincerely,

Kenneth G. Mensing

Kenneth G. Mensing, Southern Region Manager
Land Field Operations Section
Division of Land/Noise Pollution Control

DMS:jlr

Enclosure: Inspection Report

cc: Division File
Southern Region
USEPA: Region V

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Sincerely,

Kenneth G. Mensing, Southern Region Manager
Land Field Operations Section
Division of Land/Noise Pollution Control

DMS:jlr

Enclosure: Inspection Report

cc: Division File
Southern Region
USEPA: Region V

Add to ISS file RPA 3-4-82

AIRTEX

February 15, 1982

Illinois Environmental Protection Agency
113 W. Main Street
Collinsville, IL 62234

Attention: Mr. Kenneth G. Mensing
Southern Region Manager

Subject: Airtex Products
EPA #ILD001662816

Ref: Your letter February 5, 1982

Please refer to your letter and the Inspection Report filed by Diane Spencer following her inspection visit on 9/24/81. I was aware that we did not have all the records as listed in the Interim Status regulations, in the Federal Register. However, following the discussion with Miss Spencer and having a clearer idea of what is required, we have initiated new plans and procedures, have improved on others already in effect and have developed records which I believe will bring us into compliance with our requirements under 40 CFR 265.

I will itemize the points made in your letter and give you copies of the records we have:

1. 40 CFR 265.13(b) Waste Analysis Plan
   We generate three (3) wastes for which we had requested storage permits. Copies of the analysis of each attached. Also, copy of plan. (See Exhibit A)

2. 40 CFR 265.15(b) Inspection Records
   (also Subpart I Item 7)
   These wastes all stored in drums (DOT approved) in a fenced area locked for security. A weekly schedule of inspection of the drums for leakage and the area for security was set up and records kept since 9/28/81.

   As soon as drums are filled they are sealed, labeled and moved to holding area. Any spillage, safety or emergency problems would be covered by our Contingency Plan (see Item 6). Copy of Inspection Schedule attached. (See Exhibit B)

3. 40 CFR 265.16 Personnel Training
A listing of the people involved in our waste handling is attached together with their job description as far as waste handling is concerned. Special training has not been given other than making them aware of the material being handled and the care required. Copies of Job Descriptions attached. (See Exhibit C)

4. 40 CFR 265.17
Although these wastes are not ignitable, we have placed "No Smoking" signs as indicated.

5. 40 CFR 265.33 Alarm Systems
Our sprinkler system (tested weekly) is equipped with a bell alarm, which sounds when the sprinkler is activated. Copy of Inspection Report attached. (See Exhibit D)

6. 40 CFR Part 265 Subpart D Contingency Plan
A contingency plan originally dated June 7, 1977 and revised February 11, 1982, covering spills of hazardous materials, is attached. (See Exhibit E)

Also a copy of the Airtex Products Emergency Action Plan. (See Exhibit F) Believe these should cover most emergencies. Also attached are copies of letters to the local police and fire departments alerting them to our situation.

7. 40 CFR Part 265 Subpart I Inspections
DOT approved drums are used. See Item 2 for inspection dates.

8. 40 CFR 265.73 Record Keeping
Records of the following are maintained in our office:

A - Annual Reports to EPA
B - Copies of Manifests on All Shipments
C - Inspection Records
D - Analysis of Wastes
E - Contingency Plan for Emergencies
F - Closure Plan (copy attached)

February 15, 1982

Illinois Environmental Protection Agency
Collinsville, IL

Considering the fact that the waste we generate is usually held at our plant only until we accumulate a truckload, I hope that the records we are now keeping and the precautions we are taking have brought us into compliance and have corrected all deficiencies noted in your letter.

I would appreciate your comments.

Yours very truly,

AIRTEX PRODUCTS

Roy Duke
Materials Manager

RD/nh

Enc.

ITEM 1 (EXHIBIT A)

WASTE ANALYSIS PLAN 10/5/81

1. An analysis of each of the hazardous wastes is performed by an outside laboratory in order to have records of the contents of the material and to give the information to the disposal site for proper permits.

2. Frequency - An original analysis made with plans to make new analysis if changes made in process. No changes made in process or materials for several years.

3. Primary reason for analysis is to determine percentage of cyanide and heavy metals.

4. Sample size: At least one quart of each material.

Telephone (312) 544 3260

802822

SUBURBAN LABORATORIES, Inc.

4140 LITT DRIVE HILLSIDE, ILLINOIS 60162

EARL I. ROSENBERG
President

H R THOMAS, JR.
Director

October 9, 1980

Airtex Products
Division of United Industrial Syndicate, Inc.
407 West Main Street
Fairfield, Illinois 62837

Re: P. O. #11304
Account #96A
Shippers #36364

Attn: Mr. Roy Duke

Sample Received: 9/29/80

Source: S/L #9625 - Solid Cyanide Waste

		Leach Test
Total Solids %	98.73	
Moisture %	1.27	
Phenols (ppm)	2.0	
Ash %	90.20	
pH	11.8	
Alkalinity (ppm) as $CaCO_3$	340,000	
Acidity (ppm) as $CaCO_3$	0	
Cyanide, Total (ppm)	4,940	2,906
Density (g/ml)	0.9371	
Sulfide (ppm)	24.0 TOTAL	
(+) Arsenic (ppm)	0.695	
Cadmium (ppm)	0.87	
Cr. Total (ppm)	3.95	
Copper (ppm)	6.75	
Lead (ppm)	38.7	
Mercury (ppb)	1.08	
Nickel (ppm)	1.14	
Zinc (ppm)	4.65	
Flash Point °F	>212	
Organic %	0.20	
Inorganic %	99.80	

RECEIVED
NOV 10 1980
E.P.A. — D.L.P.C.
STATE OF ILLINOIS

ANALYSIS CERTIFIED BY: H R Thomas Jr., Director (HRT:ih)

(+) By HGA

CHAMPION LABORATORIES, INC.
P.O. BOX 307
WEST SALEM, ILLINOIS 62476

TO Roy Duke - Airtex

DATE May 21, 1981

FROM Richard Baumgart

SUBJECT Analysis of Trichloroethylene

Cr	5 PPM
Cu	87 PPM
Ni	9 PPM
Pb	4000 PPM

RB:pg

A R D L, Inc.

CHEMISTRY - BIOLOGY - PHYSIOLOGY - ENGINEERING
ENVIRONMENTAL ANALYSIS

P. O. BOX 1566
1801 FOREST STREET
MT. VERNON, ILLINOIS 62864
TELEPHONE (618) 244 - 3235

Originator: Airtex Products
407 W. Main Street
Fairfield. IL 62837

Date: 6/2/81

Type of sample(s): Quench Oil

Collected By: H. Tadros

Attention: Heikal Tadros

Sample Number		Date		Parameter	Result
Original	ARDL	Received	Completed		
Quench Oil	100170	5/21/81	6/2/81	Total Cyanide	0.002%
				Cyanate	<0.001%
				Flashpoint	350°F*

Remarks: *According to the guidelines set forth in the U.S.E.P.A. publication SW-846 i.e., RCRA (P.L.94-580) Section 3001, it is not an ignitable waste.

Analyst: Analytical Div.

Submitted By:

L.V. Gibbons, Ph.D.
Laboratory Director

A R D L, Inc.

CHEMISTRY - BIOLOGY - PHYSIOLOGY - ENGINEERING
ENVIRONMENTAL ANALYSIS

P. O. BOX 1800
1801 FOREST STREET
MT. VERNON, ILLINOIS 62864
TELEPHONE (618) 244 - 3535

W. O. # 105 - 1000 - 7612

RECEIVED
JAN 14 1981
EPA — D.I P.C
STATE OF ILLINOIS

Originator: Airtex Products
407 W. Main
Fairfield, IL 62837

Date: 11/19/80
Type of sample(s): Waste Oil
Collected By: Mr. Tadros

Sample Number		Date		Parameter	Result
Original	ARDL	Received	Completed		
	6854	10/23/80	11/18/80	pH (Units)*	10.7
				Alkalinity, Total*	6110 mg/l as CaCO
				Ash (%)	6.85
				Flash Point (°F)**	380
				Phenol	0.96 mg/gm oil
				Sulfide	< 0.10
				Cyanide	7.8
				Arsenic	< 0.5
				Cadmium	1.0
				Chromium	6.5
				Copper	11
				Mercury	0.0750

Remarks: *Water extract of oil sample (100 ml water, 50 g oil)
**Cleveland Open Cup.

Analytical Techniques: U.S.E.P.A. 600/4-79-020 - Methods for Chemical Analysis of Water and Wastes.

Analyst: KL, KM, BH

Submitted by:
L. V. Gibbons, Ph.D.
Laboratory Director

A R D L, Inc.

CHEMISTRY - BIOLOGY - PHYSIOLOGY - ENGINEERING
ENVIRONMENTAL ANALYSIS

P. O. BOX 1566
1801 FOREST STREET
MT. VERNON, ILLINOIS 62864
TELEPHONE (618) 244 - 5255

Originator: Airtex Products Date: 11/19/80

Type of sample(s):

Collected By:

Sample Number		Date		Parameter	Result µg/m "as is"
Original	ARDL	Received	Completed		
	6854			Nickel	9.5
				Lead	10
				Zinc	36
				Selenium	91

Remarks:

RECEIVED
JAN 14 1981
DIPC
STATE OF ILLINOIS

Analyst: KL, KM, BH

Submitted by:

L. V. Gibbons, Ph.D.
Laboratory Director

ITEM 2 & ITEM 7 EXHIBIT B

INSPECTION SCHEDULE 9/28/81

1. An inspection of storage site and containers made on regular basis.

2. Inspection Team: Materials Manager - Roy Duke
   Plant Superintendent - Mickey Borah
   Safety Supervisor - Burl Taylor

3. Inspect for leakage and security.

4. Frequency: Weekly

5. Inspection records to be kept for three (3) years.

HAZARDOUS WASTE

INSPECTION SCHEDULE (Inspect for leakage, security of area, etc.)

	DATE	TIME	INSPECTED BY	REMARKS
1	9/25/81	8:00 AM	RD	ALL O.K.
2	10/9/81	9:30 "	RD	" "
3	10/15/81	10:30 AM	MB	" "
4	10/19/81	8:15 a.m.	B.T.	" "
5	10/26	8:30 "	RD	OK
6	11/4	1:00 PM	RD	OK
7	11/10	11:15 AM	RD	OK
8	11/17/81	9:15 a.m.	B.T.	OK
9	11/23/81	8:00 AM	MB RD	OK
10	12/3/81	11:00 AM	MB	OK
11	12/7/81	8:00 AM	RD	OK
12	12/15/81	11:05 a.m.	B.T.	OK
13	12/21/81	8:30	MB	OK
14	12/29/81	9:00 AM	MB	OK
15	1/6/82	3:00 PM	RD MB	"
16	1/12/82	8:00 AM	MB	OK
17	1/20/82	10:20 AM	MB B.T.	OK
18	1/25/82	8:30 AM	MB	OK
19	2/1/82	10:00 AM	RD	OK
20	2/5/82	5:30 AM	MB	OK
21				
22				
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ITEM 3

EXHIBIT C

JOB TITLES AND PERSONNEL RECORDS 9/28/81

1. Personnel handling wastes:

Kenny Stallings - - Production Foreman
Responsible for all phases of our Heat Treating Department. This includes the handling of all materials used in this department, both new and scrap.

Roy Martin - - - - Service Foreman
Supervisor of receiving and material handling people at Plant #1. Has complete knowledge of hazardous waste generated at Plant #1 and care required.

Gene Wright - - - - Service Foreman
Supervisor of receiving and material handling people at Plant #2. Directly responsible for handling hazardous waste generated at Plant #2.

Estell Stewart - - -Receiving Clerk/Group Leader
Along with his duties as a Receiving Clerk, he is also responsible for identifying and labeling containers of hazardous waste. He is also responsible for transporting the containers of waste to the storage area. Reports to Roy Martin.

2. Each person has been made aware of the type of waste involved and the necessity of correct handling, packaging and storage procedures. Also, labeling of containers.

3. No other training sessions have been held and we feel none is required.

4. General outline of waste handling operation.

A. When new material is required in heat treat pot, the used (waste) material is ladled out of pots into DOT 17H drums. Drums are placed four (4) on a wooden pallet.

B. When drums are full, they are sealed with lids and labeled with proper "Hazardous Material" labels. Labels are marked with correct description, waste number and date.

C. Drums are then moved by fork truck to storage area.

ITEM 5

EXHIBIT D

Form 3416 Rev. 11 Burn

FIRE PREVENTION INSPECTION

AIRTEX PRODUCTS

DATE 2-8-82

1. OCCUPANCY

A.	Housekeeping:		[✓] Good	[ ] Poor
B.	Electrical Equipment.		[✓] O.K.	[ ] Defects Noted
C.	Smoking Regulations:		[✓] O.K.	[ ] Being Violated
D.	Storage:	Well Arranged	[✓] Yes	[ ] No
		Aisles Clear	[✓] Yes	[ ] No
		18" Space Below Sprinklers	[✓] Yes	[ ] No
E.	Fire Doors:	Condition	[✓] Good	[ ] Bad
		Obstructed	[ ] Yes	[✓] No

2. MANUAL PROTECTION

A.	Extinguishers:	Charged	[✓] Yes	[ ] No
		Any Missing	[ ] Yes	[✓] No
		Accessible	[✓] Yes	[ ] No
B.	Hydrants & Hose:	Condition	[✓] Good	[ ] Bad
		Obstructed	[ ] Yes	[✓] No

3. AUTOMATIC SPRINKLERS

A.	Any Heads Disconnected	[ ] Yes	[✓] No
B.	Heated to Prevent Freezing	[✓] Yes	[ ] No

4. SPRINKLER ALARMS

A.	Tested	[✓] Yes	[ ] No
B.	Operating Satisfactorily	[✓] Yes	[ ] No

5. SPRINKLER CONTROL VALVES – PLANT #1

No.	Valve Location	Area Controlled	Open	Shut	Sealed
1	South Side Bldg. 1	Bldg. 1	✓		✓
2	N.W. Corner Heat Treat	Bldg. 4	✓		✓
3	Outside N.W. Corner Grinding	Bldg. 3	✓		✓
4	Outside N.E. Corner Grinding	Bldg. 2	✓		✓
5	N.E. Corner Maintenance	Bldg. 5,6	✓		✓
6	S.W. Corner Bldg. 1	Bldg. 1,2,3,4	✓		✓
7	Dock Bldg. 2	Antifreeze	✓		✓
8	Die Room	Bldg. 1	✓		✓
9	Die Room	Bldg. 1	✓		✓
10	Over Maintenance Office	Bldg. 5	✓		✓
11	Lab	Bldg. 10	✓		✓
12	Maintenance Paint Booth	Bldg. 5	✓		✓
13	Old Engine Stairway	Bldg. 1	✓		✓
14	PRINT SHOP		✓		✓

ITEM 6

EXHIBIT E

TO: All Foremen

February 11, 1982

FROM: Mickey Borah

cc: Mel Spencer
Ralph Ulm
Kenny Wood
Arnie Wood
Wayne Cranmer
Kenny Meritt
Burl Taylor
Roy Duke

SUBJECT: EPA Hazardous Material Spill Program

(Revision of June 1977 Program)

The following is a revision of the Hazardous Spill Program that was initiated June 1977.

Safety equipment cabinets that are located at each plant contain: rubber suits, rubber boots, rubber gloves, face masks with respirators, two bags of lime, 100 ft. of air hose, 100 ft. of water hose, and a portable vacuum. There are air and water drops at both Plant 1 and 2 along routes where chemicals are normally transported and where hazardous waste is stored. The air and water drops are located at such a distance that with the lengths of air and water hose proveded, a spill along the route or storage can be reached. The following is a list of chemicals and waste at Airtex that fall within this program:

Chemicals	Waste
Sulfuric Acid	Cyanide
Hydrochloric Acid	Trichloroethlyne sludge
Trichloroethlyne	
Chlorine (Sodium Hypochlocite)	
Ammonia	
Diacetone alcohol	
Caustic soda	
Nitric Acid	

It should be noted that all chemicals used by Airtex that fall into this category are soluble in water and should a spill occur, such as a full drum, flushing would be the first step taken. In the event of an acid spill, just flush, then scatter lime to neutralize, then pick up the spill with the air vac.

Should a waste spill occur, there are bags of oil zorb (dried clay) in the fenced area that our wastes are stored in. This oil zorb should be used to contain the spill until it can be picked up with the air vac. Once the spill has been picked up, it should be transferred from the air vac to a proper container and labeled as to what it contains.

In the event of a spill (chemical or waste) your primary responsibility would be to keep people away from the area. You should then determine the type of spill and notify the following immediately:

Name	Home Address	Office Phone	Home Phone
Roy Duke Material Manager	609 N. Laurel Fairfield	237	842-2084
Mickey Borah Gen. Plt. Supt.	505 N.E. 2nd Fairfield	344 - 362	842-9003
Arnie Wood Plt. Supt.	Geff, IL	362 - 344	1-897-2314
Kenny Stallings Heat Treat & Plating Supervisor	407 N.E. 2nd Fairfield	272	842-9901
Kenny Foley Maint. Supervisor Pl.1	R.R.3 Fairfield	314 - 364	842-9237
Burl Taylor Safety Supervisor	R.R.2 Fairfield	232 - 341	842-3946
Roy Martin Central Stores & Maint. Utility Supervisor	18 Windsor Fairfield	226	842-3695
Cletas McClanahan Maint. Supervisor Pl. 2	Wayne City, IL	217	1-895-2582

Should a spill occur (waste or chemical) and conditions would warrant assistance from the Fire Department or Police Department, contact the following:

Mike Day - Police Chief - 842-2151

Larry McCoy - Fire Chief - 842-2102

Each of you should have a plant layout showing the locations of the safety equipment cabinets as well as the location of the air and water drops. You should be familiar with all of the locations. The maintenance utility labor supervisors should make certain that the maintenance utility laborers are familiar with these locations and as personnel changes occur, should instruct the new employees as to the location of the emergency equipment and their proper use.

If there are any questions, please contact the writer.

ITEM 6

SEE REVISED COPY

TO: All Foremen

June 7, 1977

FROM: Curt Anderson

cc: M. Spencer
R. Ulm
K. Wood
E. Musgrave
K. Meritt
K. Young
R. Duke
B. Gray
G. Short
M. Borah

SUBJECT: EPA Hazardous Material Spill Program

CONFIDENTIAL

To insure that we are capable of reacting to and properly cleaning up a spill of a hazardous material such as an acid or caustic, the following program is being initiated:

Safety equipment cabinets have been built and installed in each Plant. Each of these cabinets has rubber suits, rubber boots, rubber gloves, face masks with respirators, 2 bags of lime, 100 ft. length of air hose and water hose, and a portable air vacuum. In additionto the cabinets, there have been air and water drops installed throughout Plants #1 and #2 along the routes where those chemicals are normally transported. The air and water drops are located at such a distance that with the use of the lengths of air and water hose which is provided, a spill along the route of transportation can be reached and properly cleaned up.

It should be noted that all of the chemicals which are used by Airtex that fall within this category are soluble in water and in the case of a material spill such as a full drum, flushing would be the first step to be taken. In the case of an acid spill, first flushing, then scatter lime to neutralize, then we would pick the spill up with the air vac.

One of your primary responsibilities, should you come across a spill, would be to keep the people away from the area, determine the type of spill, notify the writer, Garry Short, and the foreman in charge of the Maintenance Utilities as quickly as possible.

Enclosed are Plant layouts which show the location of the safety equipment cabinets at each Plant as well as the various locations of the air and water drops. Each of you should make yourselves familiar with these locations in case for some reason the Maintenance utility foreman would not be in the Plant. The Maintenance utility foreman at each Plant will take all of his Maintenance Utilities on a walk through the Plant showing them the locations of the various drops as well as the location of the cabinets. At this time the Maintenance Utilities should also be made familiar with the equipment available and it's proper use.

The cabinets will be locked at all times but keys will be issued to the Maintenance and Maintenance utility foremen as well as all second shift foremen and those foremen in the departments adjacent to the cabinet location.

The following is a list of chemicals used at Airtex which falls within this program:

Sulfuric Acid
Hydrochloric Acid
Methyl Ethyl Ketone
Trichloroethelyne
Chlorine (Sodium Hypochlorite)
Ammonia
Diacetone Alcohol
Caustic Soda
Nitric Acid

In order for this program to be effective, it is necessary that each of you familiarize yourself with the location of the cabinet and drops and be ready to act immediately should a spill occur.

If you have any questions, please contact the writer. Your cooperation will be appreciated.

(EXHIBIT F)

AIRCO PRODUCTS
EMERGENCY ACTION PLAN

A) EMERGENCY ESCAPE PROCEDURES.

1. In the event an emergency occurs, the supervisor in the immediate area of the emergency will contact the Plant Superintendent or the General Plant Superintendent who will determine if an evacuation is necessary.

2. Fire Brigade members will assist in the safe evacuation of employees from the area.

B) EMERGENCY ESCAPE ROUTES. (If designated exits are blocked, then use nearest open exit and proceed to meeting area.)

1. Plant 1, Departments 40, 42, 52, 92-1, (Building No. 1) will use the two exits on the north side of building and meet on the north parking lot.

2. Plant 1, Departments 77B and 45 End Grinders & Flash Welders, (Building No. 2) will use the northeast main exit or the southeast exit and meet on the east parking lot.

3. Plant 1, Department 45, (Building No. 3) will use north, south and east exits of department to northeast main exit or southeast exit and meet on the east parking lot.

4. Plant 1, Department 46, (Building No. 4 partial) will use northeast main exit and meet on the east parking lot.

5. Plant 1, Department 44, (Building No. 4) will use south exit or east department exit to southeast exit and meet on front office parking lot.

6. Plant 1, Departments 80 and 81, (Buildings No. 5 & 6 partial) will use north exits or south exits through front office and meet on front office parking lot.

7. Plant 1, Front Office, (Building No. 6) will use south and west exits and meet on front office parking lot.

8. Plant 1, Personnel, (Department 90) will use south and east exits and meet on east parking lot.

9. Experimental Lab will use south, east and north exits and meet on front office parking lot.

10. Print Shop will use north exits and meet on front office parking lot.

11. Plant 2, Department 43, will use east and west exits and meet on north parking lot.

12. Plant 2, Departments 48 & 49, will use west exits and meet on west service road.

13. Plant 2, Department 47, will use west exits and meet on west service road.

14. Plant 2, Department 23, will use east, west and south exits and meet on south parking lot.

15. Plant 2, Departments 54 & 80, will use east exits and meet at the east gate.

16. Plant 2, Departments 51, 53, & 92-2, will use main aisle to northeast main exit or use Dept. 54's northeast exit and meet on north parking lot.

17. Plant 2, Department 773 will use main aisles to northeast main exit and meet on north parking lot.

C) PROCEDURES FOR EMPLOYEES THAT REMAIN TO OPERATE CRITICAL PLANT OPERATIONS.

1. When an emergency occurrs, the General Plant Superintendent will instruct the Maintenance Foremen as to how many employees from the Maintenance Departments will be required to help with critical plant operations.

D) PROCEDURES TO ACCOUNT FOR EMPLOYEES AFTER EVACUATION.

1. When a department evacuates the building, the supervisor of that department will count heads in the designated meeting area.

E) ASSIGNED RESCUE AND MEDICAL DUTIES.

1. We have approximately fifty (50) supervisors that have had first aid training and could be called upon for emergency rescue duties.

2. Dispensaries are located at both plants and our company nurse is on twenty-four (24) hour call.

3. Emergency vehicles are available at both plants for the purpose of transporting victims to the hospital.

AIRTEX PRODUCTS
FIRE PREVENTION PLAN 2-12-82

A) LIST OF WORKPLACE FIRE HAZARDS AND THEIR CONTROLS.

1. Plant 1, Heat Treat, Department 46, gas fired heat treat furnaces. Nitrogen cylinders are connected directly to furnaces for emergency extinguishment. Portable fire extinguishers are also located in the area.

2. Plant 2, Die Cast, Department 54, gas fired furnaces and electric holding pots with molten aluminum and zinc. Department is equipped with automatic sprinkler system and portable fire extinguishers are located throughout the area.

B) TYPES OF FIRE PROTECTION EQUIPMENT AND THEIR OPERATION.

1. Overhead sprinkler system - Automatic.

2. Fire Phones - Direct line to local fire department.

3. Fire hydrants and hose cabinets located around outside perimeter of both plants.

4. Portable fire extinguishers located throughout both plants.

C) NAMES OF PERSONNEL RESPONSIBLE FOR MAINTENANCE OF FIRE PROTECTION EQUIPMENT.

1. Plant 1, Kenny Foley
2. Plant 2, Cletas McClanahan

D) PROCEDURES FOR TESTING EQUIPMENT AND ALARMS IN ACCORDANCE WITH OSHA STANDARDS.

1. Sprinklers are tested weekly by our Maintenance department.

2. Portable fire extinguishers are visually inspected monthly by our Maintenance department.

3. Portable fire extinguishers are inspected annually by Whittington Fire Extinguisher Sales and Service who hydrostatically tests them in accordance with 1910.157 (f) Table L-1 of the OSHA standards.

E) NAMES OF PERSONNEL RESPONSIBLE FOR CONTROLLING FUEL SOURCE HAZARDS.

1. Plant 1, Kenny Foley
2. Plant 2, Cletas McClanahan

F) MEANS OF REPORTING AND ANNOUNCING EMERGENCIES.

1. In the event of an emergency, the fire alarm will be sounded.

2. Small emergencies will be reported by means of the telephone.

February 16, 1982

Mr. Larry McCoy
Fire Chief
Fairfield Fire Dept.

Mr. McCoy:

In regard to our conversation, we are presently storing in our plant hazardous waste. These waste are placed in sealed containers and stored in a locked fenced area equipped with overhead sprinklers. In the event of a spillage, it might become necessary to call upon your department to help contain the spill until cleanup operations can be completed. We will use our emergency fire phone system that is used whenever a fire occurs in our plants.

If I can be of any assistance in answering any questions you might have, feel free to call. I'm listing the names and phone numbers of those that are responsible in the event that a spill or fire should occur.

Thanks again for your cooperation.

Very truly yours,

Mickey Borah
General Plant Superintendent

MB/lf

Name	Home Address	Office Phone	Home Phone
Roy Duke Material Manager	609 N. Laurel Fairfield	237	842-2084
Mickey Borah Gen. Plt. Supt.	505 N.E. 2nd Fairfield	344 - 362	842-9003
Arnie Wood Plt. Supt.	Geff, IL	362 - 344	1-897-2314
Kenny Stallings Heat Treat & Plating Supervisor	407 N.E. 2nd Fairfield	272	842-9901
Kenny Foley Maint. Supervisor Pl.1	R.R.3 Fairfield	314 - 364	842-9237
Burl Taylor Safety Supervisor	R.R.2 Fairfield	232 - 341	842-3946
Roy Martin Central Stores & Maint. Utility Supervisor	18 Windsor Fairfield	226	842-3695
Cletas McClanahan Maint. Supervisor Pl. 2	Wayne City, IL	217	1-895-2582

February 16, 1982

Mike Day
Police Chief
Fairfield Police Dept.

Mr. Day:

In regard to our conversation, we are presently storing in our plant hazardous waste. These waste are placed in sealed containers and stored in a locked up fenced area equipped with overhead sprinklers. Should a spillage or fire occur, it may be necessary to call upon your department to assist in any evacuation that might become necessary.

If you have any questions, please feel free to call. I'm listing the names of those responsible should a fire or spill occur.

Thanks for your cooperation.

Very truly yours,

Mickey Borah
General Plant Superintendent

MB/lf

Name	Home Address	Office Phone	Home Phone
Roy Duke Material Manager	609 N. Laurel Fairfield	237	842-2084
Mickey Borah Gen. Plt. Supt.	505 N.E. 2nd Fairfield	344 - 362	842-9003
Arnie Wood Plt. Supt.	Geff, IL	362 - 344	1-897-2314
Kenny Stallings Heat Treat & Plating Supervisor	407 N.E. 2nd Fairfield	272	842-9901
Kenny Foley Maint. Supervisor Pl.1	R.R.3 Fairfield	314 - 364	842-9237
Burl Taylor Safety Supervisor	R.R.2 Fairfield	232 - 341	842-3946
Roy Martin Central Stores & Maint. Utility Supervisor	18 Windsor Fairfield	226	842-3695
Cletas McClanahan Maint. Supervisor Pl. 2	Wayne City, IL	217	1-895-2582

ITEM 8

CLOSURE PLAN 10/5/81

1. Will close this storage facility within 30 days after stop generating the waste and make final shipment to disposal site.

2. We anticipate a maximum of 140 barrels (2 truckloads) on hand at any time.

3. No estimate of cost since there should be no cost involved.

19180802
STATE IDENTIFICATION NUMBER
(If Applicable)

ILD006628116
EPA IDENTIFICATION NUMBER

RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS
TREATMENT, STORAGE, AND DISPOSAL FACILITIES
Form A - General Facility Standards

I. General Information:

(A) Facility Name: AIRTEX PRODUCT DIVISION UNITED INDUSTRIAL

(B) Street: 407 WEST MAIN STREET

(C) City: FAIRFIELD (D) State: ILLINOIS (E) Zip Code: 62837

(F) Phone: 618/842-2111 (G) County: WAYNE

(H) Operator: AIRTEX PRODUCT DIVISION

(I) Street: 407 WEST MAIN

(J) City: FAIRFIELD (K) State: ILLINOIS (L) Zip Code 62837

(M) Phone: 618/842-2111 (N) County: WAYNE

(O) Owner: AIRTEX PRODUCT DIVISION

(P) Street: 407 WEST MAIN

(Q) City: FAIRFIELD (R) State: ILLINOIS (S) Zip Code: 62837

(T) Phone: 618/842-2111 (U) County: WAYNE

(V) Date of Inspection: 9/24/81 (W) Time of Inspection (From) 10:00 (To) 11:45a

(X) Weather Conditions: SUNNY, CLEAR, ≈70°, DRY

RECEIVED
SEP 30 1981
E.P.A. — D.L.P.C.
STATE OF ILLINOIS

Rev. 3-6-81/J.B.

(Y) Person(s) Interviewed	Title	Telephone
ROY DUKE	PLANT SUPT.	618/842-2111

(Z) Inspection Participants	Agency/Title	Telephone
ROY DUKE	AIRTEX / PL. SUPT.	618/842-2111
DIANE M. SPENCER	IEPA/ENV. SPEC.	618/345-4606

(AA) Preparer Information

Name	Agency/Title	Telephone
DIANE M. SPENCER	IEPA / ENV. PROT. SPECIALIST	618/345-4606

II. SITE ACTIVITY:

Complete sections I through VII for all treatment, storage, and/or disposal facilities. Complete the forms (in parenthesis) in section VIII corresponding to the site activities identified below:

✓ A. Storage and/or Treatment
   1. Containers (I)
   2. Tanks (J)
   3. Surface Impoundments (K)
   4. Waste Piles (L)

___ B. Land Treatment (M)

___ C. Landfills (N)

___ D. Incineration and/or Thermal Treatment (O and P)

___ E. Chemical, Physical, and Biological Treatment (Q)

Note: If facility is also a generator or transporter of hazardous waste complete sections IX and X of this form as appropriate.

III. GENERAL FACILITY STANDARDS: (Part 265 Subpart B)

	Yes	No	NI*	Remark
(A) Has the Regional Administrator been notified regarding:				
1. Receipt of hazardous waste from a foreign source?		✓		NONE PLANNED
2. Facility expansion?		✓		
(B) General Waste Analysis:				
1. Has the owner or operator obtained a detailed chemical and physical analysis of the waste?	✓			
2. Does the owner or operator have a detailed waste analysis plan on file at the facility?		✓		NO PLAN DRAWN UP
3. Does the waste analysis plan specify procedures for inspection and analysis of each movement of hazardous waste from off-site?		N/A		
(C) Security - Do security measures include: (if applicable)				
1. 24-Hour surveillance?		✓		
2. Artificial or natural barrier around facility?	✓			
3. Controlled entry?	✓			
4. Danger sign(s) at entrance?	✓			
(D) Do Owner or Operator Inspections Include:				
1. Records of malfunctions?		✓		NO OPERATING RECORD KEPT
2. Records of operator error?		✓		
3. Records of discharges?		✓		

*Not Inspected

	Yes	No	NI*	Remarks
4. Inspection schedule?	---	✓	---	NO RECORDS KEPT
5. Safety, emergency equipment?	---	✓	---	
6. Security devices?	---	✓	---	
7. Operating and structural devices?	---	✓	---	
8. Inspection log?	---	✓	---	
(E) Do personnel training records include: [redacted]				
1. Job titles?	---	✓	---	
2. Job descriptions?	---	✓	---	
3. Description of training?	---	✓	---	ON-THE-JOB TRAINING
4. Records of training?	---	✓	---	
5. Have facility personnel received required training by 5-19-81?	---	✓	---	
6. Do new personnel receive required training within six months?	---	✓	---	
(F) If required are the following special requirements for ignitable, reactive, or incompatible wastes addressed?				
1. Special handling?	✓	---	---	
2. No smoking signs?	---	✓	---	AREA IS FENCED OFF AND LOCKED WITH "UNAUTHORIZED" SIGN ONLY
3. Separation and protection from ignition sources?	✓	---	---	

*Not Inspected

IV. PREPAREDNESS AND PREVENTION:
(Part 265 Subpart C)

	Yes	No	NI*	Remarks
(A) Maintenance and Operation of Facility:				
Is there any evidence of fire, explosion, or release of hazardous waste or hazardous waste constituent?		✓		
(B) If required, does the facility have the following equipment:				
1. Internal communications or alarm systems?	✓			
2. Telephone or 2-way radios at the scene of operations?	✓			
3. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment?	✓			

Indicate the volume of water and/or foam available for fire control:

CITY WATER

(C) Testing and Maintenance of Emergency Equipment:				
1. Has the owner or operator established testing and maintenance procedures for emergency equipment?		✓		
2. Is emergency equipment maintained in operable conditions?			✓	
(D) Has owner or operator provided immediate access to internal alarms? (if needed)		N/A		

*Not Inspected

(E) Is there adequate aisle space for unobstructed movement? N/A

V. CONTINGENCY PLAN AND EMERGENCY PROCEDURES: (Part 265 Subpart D)

(A) Does the Contingency Plan contain the following information:	Yes	No	NI*	Remarks
1. The actions facility personnel must take to comply with §265.51 and 265.56 in response to fires, explosions, or any unplanned release of hazardous waste? (If the owner has a Spill Prevention, Control, and Countermeasures (SPCC) Plan, he needs only to amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this Part (as applicable.)		✓		NO CONTINGENCY PLAN
2. Arrangements agreed by local police departments, fire departments hospitals, contractors, and State and local emergency response teams to coordinate emergency services pursuant to §265.37?		✓		
3. Names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinators?		✓		
4. A list of all emergency equipment at the facility which includes the location and physical description of each item on the list and a brief outline of its capabilities?		✓		
5. An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary? (This plan must describe signal(s) to be used to begin evacuation, evacuation routes, and alternate evacuation routes?)		✓		

*Not Inspected

	Yes	No	NI*	Remarks
(B) Are copies of the Contingency Plan available at site and local emergency organizations?		✓		
(C) Emergency Coordinator				
1. Is the facility Emergency Coordinator identified?		✓		
2. Is coordinator familiar with all aspects of site operation and emergency procedures?		✓		
3. Does the Emergency Coordinator have the authority to carry out the Contingency Plan?		✓		
(D) Emergency Procedures				
If an emergency situation has occurred at this facility, has the Emergency Coordinator followed the emergency procedures listed in 265.56?		N/A		NONE AT THIS TIME

VI. MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING
(Part 265 Subpart E)

	Yes	No	NI*	Remarks
(A) Use of Manifest System				
1. Does the facility follow the procedures listed in §265.71 for processing each manifest?	✓			
2. Are records of past shipments retained for 3 years?	✓			MANIFEST SYSTEM NOT IN EFFECT FOR 3 YRS.
(B) Does the owner or operator meet requirements regarding manifest discrepancies?		N/A		NO DISCREPANCIES AT THIS TIME

*Not Inspected

(C) Operating Record

1. Does the owner or operator maintain an operating record as required in 265.73?		✓	NO OPERATING RECORD
2. Does the operating record contain the following information:			
**b. The method(s) and date(s) of each waste's treatment, storage, or disposal as required in Appendix I?		✓	
c. The location and quantity of each hazardous waste within the facility?		✓	INFORMATION CAN BE ATTAINED
***d. A map or diagram of each cell or disposal area showing the location and quantity of each hazardous waste? (This information should be cross-referenced to specific manifest number, if waste was accompanied by a manifest.)		N/A	LAND DISPOSAL ONLY
e. Records and results of all waste analyses, trial tests, monitoring data, and operator inspections?		✓	
f. Reports detailing all incidents that required implementation of the Contingency Plan?		✓	
g. All closure and post closure costs as applicable? (Effective 5-19-81)		✓	

** See page 33252 of the May 19, 1980, Federal Register.

*** Only applies to disposal facilities

*Not Inspected

VII. CLOSURE AND POST CLOSURE
(Part 265 Subpart G)

	Yes	No	NI*	Remarks
(A) Closure and Post Closure				
1. Is the facility closure plan available for inspection by May 19, 1981?		✓		
2. Has this plan been submitted to the Regional Administrator		✓		N/A AT THIS TIME AS CLOSURE IS NOT PLANNED
3. Has closure begun?		✓		
4. Is closure estimate available by May 19, 1981?		✓		
(B) Post closure care and use of property				
Has the owner or operator supplied a post closure monitoring plan? (effective by May 19, 1981)		N/A		LAND DISPOSAL ONLY

VIII. FACILITY STANDARDS
(Part 265, Subparts I thru R)

I
USE AND MANAGEMENT OF CONTAINERS

Facility Name: FAIRFIELD / AIRTEX Date of Inspection: 9/24/81

	Yes	No	NI*	Remarks
1. Are containers in good condition?	✓			
2. Are containers compatible with waste in them?	✓			
3. Are containers stored closed?	✓			
4. Are containers managed to prevent leaks?	✓			
5. Are containers inspected weekly for leaks and defects?		✓		
6. Are ignitable & reactive wastes stored at least 15 meters (50 feet) from the facility property line? (Indicate if waste is ignitable or reactive.)	✓			REACTIVE WASTE

	Yes	No	NI*	Remarks
7. Are incompatible wastes stored in separate containers? (If not, the provisions of 40 CFR 265.17(b) apply.)		N/A		ONLY ONE BASIC WASTE
8. Are containers of incompatible waste separated or protected from each other by physical barriers or sufficient distance?		N/A		

J
TANKS

Facility Name: _____ Date of Inspection: _____

	Yes	No	NI*	Remarks
1. Are tanks used to store only those wastes which will not cause corrosion, leakage or premature failure of the tank?				
2. Do uncovered tanks have at least 60 cm (2 feet) of freeboard, or dikes or other containment structures?				
3. Do continuous feed systems have a waste-feed cutoff?				
4. Are waste analyses done before the tanks are used to store a substantially different waste than before?				
5. Are required daily and weekly inspections done?				
6. Are reactive & ignitable wastes in tanks protected or rendered non-reactive or non-ignitable? Indicate if waste is ignitable or reactive. (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)				
7. Are incompatible wastes stored in separate tanks? (If not, the provisions of 40 CFR 265.17(b) apply.)				

*Not Inspected

	Yes	No	NI*	Remarks
3. Has the owner or operator addressed the waste analysis requirements of 265.402?	___	___	___	_____
4. Are inspection procedures followed according to 265.403?	___	___	___	_____
5. Are the special requirements fulfilled for ignitable or reactive wastes?	___	___	___	_____
6. Are incompatible wastes treated? (If yes, 265.17(b) applies.)	___	___	___	_____

Note: EPA has temporarily suspended the applicability of the requirements of the hazardous waste regulations in 40 CFR Parts 122, 264 and 265 to owners and operators of (1) wastewater treatment tanks that receive, store, and treat wastewaters that are hazardous waste or that generate, store or treat a wastewater treatment sludge which is a hazardous waste where such wastewaters are subject to regulation under Sections 402 or 307(b) of the Clean Water Act (33 U.S.C. 1251 et seq.) and (2) neutralization tanks, transport vehicles, vessels, or containers which neutralize wastes which are hazardous only because they exhibit the corrosivity characteristic under 40 CFR §261.2 or are listed as hazardous wastes in Subpart D of 40 CFR Part 261 only for this reason

IX

Complete this section if the owner or operator of a TSD facility also generates hazardous waste that is subsequently shipped off-site for treatment, storage, or disposal.

1. MANIFEST REQUIREMENTS

	Yes	No	NI*	Remarks
(A) Does the operator have copies of the manifest available for review?	✓	___	___	ONLY (2) TWO SHIPMENTS OF HAZ. WASTE HAVE LEFT THE SITE SINCE 11/19/80
(B) Do the manifest forms reviewed contain the following information: (If possible, make copies of, or record information from, manifest(s) that do not contain the critical elements)				
1. Manifest document number?	✓	___	___	_____
2. Name, mailing address, telephone number, and EPA ID Number of Generator	✓	___	___	_____

	Yes	No	NI*	Remarks
3. Name and EPA ID Number of Transporter(s)?	✓			
4. Name, address, and EPA ID Number of Designated permitted facility and alternate facility?	✓			
5. The description of the waste(s) (DOT shipping name, DOT hazard class, DOT identification number)?	✓			
6. The total quantity of waste(s) and the type and number of containers loaded?	✓			
7. Required certification?	✓			
8. Required signatures?	✓			
(C) Does the owner or operator submit exception reports when needed?		N/A	AT THIS TIME	

2. PRE-TRANSPORT REQUIREMENTS

(A) Is waste packaged in accordance with DOT Regulations? (Required prior to movement of hazardous waste off-site)	✓			
(B) Are waste packages marked and labeled in accordance with DOT regulations concerning hazardous waste materials? (Required to movement of hazardous waste off-site)	✓			CONTAINERS LABELLED AFTER BEING FILLED
(C) If required, are placards available to transporters of hazardous waste?			✓	NOT BEING SHIPPED AT TIME OF INSPECTION ∴ COULD NOT BE CHECKED

REMARKS

Use this section to briefly describe site activities observed at the time of the inspection. Note any possible violations of Interim Status Standards.

THE INSPECTION AND REVIEW PROCESS WERE CONDUCTED WITH MR. ROY DUKE, PLANT SUPERVISOR AT AIRTEX INDUSTRIES.

AIRTEX INDUSTRIES FILED UNDER INTERIM STATUS, AS BOTH A GENERATOR AND A STORAGE FACILITY. LISTED HAZARDOUS WASTES ON THEIR PART A APPLICATION INCLUDE: F001, F002, F008, F010, & F011. ONE OF THEIR MAJOR WASTES IS TRICHLOROETHYLENE ALONG WITH CYANIDE WASTES. THE HAZARDOUS WASTES ARE TOXIC AND WITH THE EXCEPTION OF ONE WASTE ALSO REACTIVE. THE FACILITY IS AT PRESENT STORING ALL WASTES, AS DISPOSAL HAS BECOME A PROBLEM.

NO FORMAL PAPER WORK WAS AVAILABLE FOR REVIEW, WITH THE EXCEPTION OF MANIFEST REPORTS. NO ANALYSIS PLAN, OPERATING RECORD, PERSONNEL TRAINING RECORDS, CONTINGENCY PLAN, CLOSURE PLAN AND ESTIMATE, OR INSPECTION SCHEDULE WERE MAINTAINED AT THE FACILITY.

THE STORAGE AREA WAS INSPECTED. ALL DRUMS WERE NOTED AS BEING STORED CLOSED, WITH NO LEAKAGE EVIDENT. LABELS WERE PRESENT ON THE DRUMS. THE STORAGE AREA WAS IN A REMOTE CORNER OF THE PLANT WHICH WAS FENCED AND LOCKED WITH AN "AUTHORIZED PERSONNEL ONLY" SIGN POSTED AT THE ENTRANCE.

ENVIRONMENTAL PROTECTION AGENCY STATE OF ILLINOIS

L P C F C 0 5 5 C
(1) (8) (9)

INSPECTION REPORT - SITE INVENTORY NO. _ _ _ _ _ _ _
(11) (18)

_____ CO. - L.P.C. Region # _____ Date _ _/_ _/_ _
(20) (25)

_____ / _____
(Location) (Responsible Party)

Letter Sent (Yes or No) ___ (26)

Samples Taken: Yes ( ) No ( ) Time: From _ _ : _ _ _ m
Ground Water( ) Surface( ) Other( ) To _ _ : _ _ _ m
Photos Taken: Yes ( ) No ( ) Interviewed _____

Weather _____

Inspector ___ ___ ___
(27) (29)

Previous Inspection _____ Previous Correspondence _____ Site Open: Yes( ) No( )

OPERATIONAL STATUS:		TYPE OF OPERATION:				AUTHORIZATION:	
Operating	( )	Landfill	( )	Storage	( )	E.P.A. Permit	( )
Temporarily Closed	( )	Random Dump	( )	Salvage	( )	Variance	( )
Closed Not Covered	( )	Other _____	( )	A.C.D.	( )	21(e)	( )
Closed and Covered	( )	Quantity Received Daily(1-6)	_____ (30)			Board Order	( )
						Illegal (5)	( ) (31)

IMPROVED

SAME

DETERIORATED

I S or D ___ (62)

GENERAL REMARKS: _____

INTERVIEW: _____

DIAGRAM: